

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017357.D
 Acq On : 26 Sep 2023 12:16
 Operator : MA/JU
 Sample : PB155720BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS720

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 27 00:52:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	196728	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	822784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	497864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	1082442	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1044493	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1155182	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	33925	7.083	ng/uL	0.00
4) Pyridine-d5	3.728	84	482412	36.028	ng/ul	0.00
7) Phenol-d5	7.081	99	610638	37.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	362794	37.207	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	498105	38.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	471380	37.526	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	234370	39.402	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	266817	41.311	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	490854	40.226	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	641077	36.268	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1401886	39.307	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	1586339	38.673	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	247803	39.881	ng/ul	0.00
60) Fluorene-d10	15.586	176	1198665	39.039	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	242710	39.783	ng/ul	0.00
73) Anthracene-d10	17.463	188	1846395	38.461	ng/ul	0.00
81) Pyrene-d10	19.704	212	2264405	40.090	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2216652	39.855	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	72639	14.809	ng/uL	94
5) Pyridine	3.752	79	460063	33.097	ng/ul	100
6) Benzaldehyde	7.087	77	362867	44.009	ng/ul	99
8) Phenol	7.110	94	637637	39.237	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.363	93	507355	38.623	ng/ul	96
12) 2-Chlorophenol	7.481	128	517027	39.730	ng/ul	99
13) 2-Methylphenol	8.369	108	464533	38.631	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	644363m	38.785	ng/ul	
16) Acetophenone	8.781	105	767532	39.541	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.751	70	396606	40.940	ng/ul	100
18) 4-Methylphenol	8.710	108	504970	39.192	ng/ul	96
19) Hexachloroethane	8.987	117	216213	40.022	ng/ul	99
22) Nitrobenzene	9.169	77	601762	39.870	ng/ul	98
23) Isophorone	9.681	82	1095308	40.497	ng/ul	99
25) 2-Nitrophenol	9.875	139	291220	41.610	ng/ul	97
26) 2,4-Dimethylphenol	9.916	107	396539	28.437	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.169	93	669683	38.357	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	495185	41.159	ng/ul	99
30) Naphthalene	10.804	128	1613643	37.665	ng/ul	100
32) 4-Chloroaniline	10.940	127	615338	36.327	ng/ul	98
33) Hexachlorobutadiene	11.028	225	337064	40.256	ng/ul	98
34) Caprolactam	11.769	113	144678	41.619	ng/ul	98
35) 4-Chloro-3-methylphenol	12.045	107	514556	42.551	ng/ul	97
36) 2-Methylnaphthalene	12.410	142	1101604	39.397	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017357.D
 Acq On : 26 Sep 2023 12:16
 Operator : MA/JU
 Sample : PB155720BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS720

Quant Time: Sep 27 00:52:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.628	142	1080842	37.813	ng/ul	99	09/27/2023
39) 1,2,4,5-Tetrachloroben...	12.757	216	623646	39.033	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.704	237	254359	28.130	ng/ul	96	ahmed
41) 2,4,6-Trichlorophenol	13.016	196	405052	41.794	ng/ul	97	
42) 2,4,5-Trichlorophenol	13.086	196	441295	43.461	ng/ul	99	
43) 1,1'-Biphenyl	13.422	154	1444833	38.250	ng/ul	98	
44) 2-Chloronaphthalene	13.469	162	1162289	38.812	ng/ul	99	09/29/2023
45) 2-Nitroaniline	13.710	65	331970	45.126	ng/ul	96	
47) Dimethylphthalate	14.051	163	1457529	40.569	ng/ul	98	
48) 2,6-Dinitrotoluene	14.198	165	295704	47.387	ng/ul	94	
50) Acenaphthylene	14.316	152	1887846	39.358	ng/ul	100	
51) 3-Nitroaniline	14.539	138	308008	45.866	ng/ul	95	
52) Acenaphthene	14.651	153	1235317	38.996	ng/ul	100	
53) 2,4-Dinitrophenol	14.739	184	147601	37.813	ng/ul	97	
55) 4-Nitrophenol	14.833	109	212445	43.765	ng/ul	93	
56) Dibenzofuran	14.992	168	1723174	39.722	ng/ul	97	
57) 2,4-Dinitrotoluene	14.986	165	437006	47.543	ng/ul	98	
58) 2,3,4,6-Tetrachlorophenol	15.210	232	375601	43.595	ng/ul	94	
59) Diethylphthalate	15.410	149	1474162	42.444	ng/ul	99	
61) Fluorene	15.645	166	1421858	40.340	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.633	204	726893	40.692	ng/ul	99	
63) 4-Nitroaniline	15.710	138	303640	50.662	ng/ul	99	
66) 4,6-Dinitro-2-methylph...	15.739	198	270413	41.087	ng/ul#	96	
67) N-Nitrosodiphenylamine	15.863	169	1191910	40.032	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.539	248	456462	41.976	ng/ul	98	
69) Hexachlorobenzene	16.622	284	531299	42.104	ng/ul	95	
70) Atrazine	16.816	200	399513	37.453	ng/ul	99	
71) Pentachlorophenol	16.986	266	320298	41.091	ng/ul	98	
72) Phenanthrene	17.404	178	2267774	40.000	ng/ul	99	
74) Anthracene	17.498	178	2275749	39.607	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.375	216	617059	37.144	ng/ul	97	
76) Pentachlorobenzene	14.881	250	573434	36.540	ng/ul	97	
77) Carbazole	17.786	167	2080208	40.702	ng/ul	98	
78) Di-n-butylphthalate	18.292	149	2602599	46.310	ng/ul	99	
80) Fluoranthene	19.374	202	2746725	41.697	ng/ul	99	
82) Pyrene	19.733	202	2867436	40.948	ng/ul	98	
83) Butylbenzylphthalate	20.592	149	1214237	48.903	ng/ul	94	
84) 3,3'-Dichlorobenzidine	21.392	252	942370	41.526	ng/ul	99	
85) Benzo(a)anthracene	21.451	228	2877246	40.816	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.327	149	1798597	50.159	ng/ul#	98	
87) Chrysene	21.504	228	2658325	40.070	ng/ul	99	
89) Di-n-octyl phthalate	22.286	149	3081210	48.490	ng/ul	100	
90) Benzo(b)fluoranthene	23.204	252	2847646	41.811	ng/ul	99	
91) Benzo(k)fluoranthene	23.257	252	2804832	40.819	ng/ul	99	
93) Benzo(a)pyrene	23.874	252	2673933	41.034	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	26.650	276	3284994	40.218	ng/ul	99	
95) Dibenzo(a,h)anthracene	26.674	278	2759328	40.560	ng/ul	98	
96) Benzo(g,h,i)perylene	27.486	276	2627773	39.894	ng/ul	98	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

