

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
 Data File : BP016970.D
 Acq On : 07 Sep 2023 00:13
 Operator : MA/JU
 Sample : PB155168BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS168

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 07 00:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:52:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	562352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	2439213	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	1487547	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	3181446	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	2659398	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	2318927	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	93125	6.264	ng/uL	0.00
4) Pyridine-d5	3.764	84	991271	23.335	ng/u1	0.00
7) Phenol-d5	7.134	99	1813718	35.303	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	1074679	33.441	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	1334986	35.903	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	1408588	35.988	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	668257	35.313	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	764314	37.259	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1369578	36.164	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	856239	15.671	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	4098726	37.016	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	4683423	36.650	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	825409	38.161	ng/u1	0.00
60) Fluorene-d10	15.639	176	3459504	36.491	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	706866	36.920	ng/u1	0.00
73) Anthracene-d10	17.510	188	5282062	36.152	ng/u1	0.00
81) Pyrene-d10	19.745	212	6007190	37.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	4651581	39.540	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	202308	12.604	ng/uL	99
5) Pyridine	3.781	79	1301187	28.773	ng/u1	98
6) Benzaldehyde	7.140	77	1098296	47.167	ng/u1	98
8) Phenol	7.163	94	1922795	36.022	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	1471821	34.577	ng/u1	99
12) 2-Chlorophenol	7.534	128	1428113	36.051	ng/u1	99
13) 2-Methylphenol	8.422	108	1413314	36.096	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.510	45	2094416m	34.946	ng/u1	
16) Acetophenone	8.834	105	2280424	36.105	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.816	70	1257982	37.284	ng/u1	99
18) 4-Methylphenol	8.763	108	1555693	36.433	ng/u1	100
19) Hexachloroethane	9.052	117	585766	35.695	ng/u1	98
22) Nitrobenzene	9.228	77	1782849	35.284	ng/u1	99
23) Isophorone	9.746	82	3516600	37.044	ng/u1	100
25) 2-Nitrophenol	9.928	139	842699	37.312	ng/u1	100
26) 2,4-Dimethylphenol	9.969	107	1492459	32.364	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	2098218	35.665	ng/u1	100
29) 2,4-Dichlorophenol	10.451	162	1410369	36.542	ng/u1	99
30) Naphthalene	10.863	128	4544167	34.141	ng/u1	100
32) 4-Chloroaniline	10.999	127	1803685	31.720	ng/u1	100
33) Hexachlorobutadiene	11.093	225	777058	33.685	ng/u1	99
34) Caprolactam	11.840	113	505300m	39.531	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	1624446	38.407	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	3153934	35.858	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	3080846	34.790	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	1564505	35.697	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	810524	28.542	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	1125856	37.743	ng/ul	98
42) 2,4,5-Trichlorophenol	13.140	196	1258529	38.776	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	4263824	36.211	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	3348232	36.217	ng/ul	100
45) 2-Nitroaniline	13.757	65	1145375	41.600	ng/ul	97
47) Dimethylphthalate	14.104	163	4360998	37.536	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	939253	41.627	ng/ul	95
50) Acenaphthylene	14.369	152	5327467	37.232	ng/ul	99
51) 3-Nitroaniline	14.587	138	991145	44.016	ng/ul	99
52) Acenaphthene	14.710	153	3622048	36.281	ng/ul	99
53) 2,4-Dinitrophenol	14.787	184	524422	37.486	ng/ul	94
55) 4-Nitrophenol	14.881	109	669941	38.700	ng/ul	97
56) Dibenzofuran	15.045	168	5005464	36.464	ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	1361827	42.046	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	1007732	38.510	ng/ul	99
59) Diethylphthalate	15.463	149	4448480	38.315	ng/ul	99
61) Fluorene	15.692	166	4187993	37.005	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	2063969	37.737	ng/ul	98
63) 4-Nitroaniline	15.763	138	1005352	50.781	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.787	198	752409	37.510	ng/ul#	99
67) N-Nitrosodiphenylamine	15.910	169	3552436	37.031	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	1224911	38.700	ng/ul	96
69) Hexachlorobenzene	16.669	284	1304738	37.605	ng/ul	99
70) Atrazine	16.863	200	791386	24.095	ng/ul	99
71) Pentachlorophenol	17.034	266	823350	36.390	ng/ul	99
72) Phenanthrene	17.457	178	6548146	37.041	ng/ul	99
74) Anthracene	17.545	178	6448019	36.284	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	154827	3.416	ng/ul	98
76) Pentachlorobenzene	14.934	250	1567880	35.917	ng/ul	98
77) Carbazole	17.828	167	6137493	38.432	ng/ul	98
78) Di-n-butylphthalate	18.339	149	7618366	38.939	ng/ul	99
80) Fluoranthene	19.416	202	7557959	37.368	ng/ul	99
82) Pyrene	19.775	202	7724424	36.783	ng/ul	98
83) Butylbenzylphthalate	20.633	149	3530503	40.652	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.427	252	2284302	38.704	ng/ul	100
85) Benzo(a)anthracene	21.492	228	7217478	38.535	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.369	149	5030314	41.927	ng/ul	97
87) Chrysene	21.551	228	6639596	37.897	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	8239984	42.389	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	6370366	39.319	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	6247331	39.819	ng/ul	99
93) Benzo(a)pyrene	23.939	252	5417300	40.088	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.757	276	5879406	39.194	ng/ul	99
95) Dibenzo(a,h)anthracene	26.780	278	4910443	39.661	ng/ul	99
96) Benzo(g,h,i)perylene	27.598	276	4537902	38.388	ng/ul	99

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

