

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082323\
 Data File : BP016720.D
 Acq On : 23 Aug 2023 18:06
 Operator : MA/JU
 Sample : PB155004BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS004

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 19:31:31 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 23 18:42:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	314518	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1428776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	859878	20.000	ng/u1	0.00
74) Phenanthrene-d10	17.463	188	1820601	20.000	ng/u1	0.00
69) Chrysene-d12	21.563	240	1422063	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1275669	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	78272	9.456	ng/uL	0.00
4) Pyridine-d5	3.822	84	930461	36.949	ng/u1	0.00
7) Phenol-d5	7.187	99	1180054	40.697	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	732288	38.343	ng/u1	0.00
11) 2-Chlorophenol-d4	7.563	132	825745	39.649	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	909367	39.442	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	421441	41.921	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	452848	47.426	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	811402	43.181	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	1143353	35.463	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	2399782	38.585	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	2786423	39.693	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	462010	36.465	ng/u1	0.00
60) Fluorene-d10	15.687	176	2035351	38.387	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	361317	41.717	ng/u1	0.00
73) Anthracene-d10	17.563	188	3104865	39.427	ng/u1	0.00
81) Pyrene-d10	19.798	212	3445235	46.237	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2547135	41.664	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.422	88	143144	15.729	ng/uL	98
5) Pyridine	3.846	79	932153	35.677	ng/u1	99
6) Benzaldehyde	7.199	77	750413	46.948	ng/u1	98
8) Phenol	7.210	94	1258245	40.600	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.475	93	987103	39.430	ng/u1	98
12) 2-Chlorophenol	7.593	128	898650	41.009	ng/u1	98
13) 2-Methylphenol	8.481	108	926399	41.153	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1365278m	39.130	ng/u1	
16) Acetophenone	8.893	105	1502042	40.343	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	851913	42.664	ng/u1	99
18) 4-Methylphenol	8.816	108	1024706	41.417	ng/u1	98
19) Hexachloroethane	9.116	117	364705	39.836	ng/u1	99
22) Nitrobenzene	9.287	77	1206144	42.857	ng/u1	99
23) Isophorone	9.799	82	2328954	43.813	ng/u1	99
25) 2-Nitrophenol	9.987	139	513214	47.015	ng/u1	98
26) 2,4-Dimethylphenol	10.028	107	1055317	41.009	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.287	93	1403905	41.202	ng/u1	100
29) 2,4-Dichlorophenol	10.510	162	845424	43.728	ng/u1	99
30) Naphthalene	10.922	128	2948068	39.492	ng/u1	99
32) 4-Chloroaniline	11.051	127	1174727	36.787	ng/u1	100
33) Hexachlorobutadiene	11.157	225	473300	40.611	ng/u1	99
34) Caprolactam	11.881	113	306037m	40.688	ng/u1	
35) 4-Chloro-3-methylphenol	12.151	107	1054985	44.642	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	1970375	39.404	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	1969272	39.113	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	946404	41.149	ng/ul	100
40) Hexachlorocyclopentadiene	12.822	237	507188	36.243	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	667925	46.663	ng/ul	100
42) 2,4,5-Trichlorophenol	13.193	196	738273	47.583	ng/ul	100
43) 1,1'-Biphenyl	13.528	154	2626891	41.099	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	2018464	40.589	ng/ul	99
45) 2-Nitroaniline	13.804	65	733404	48.775	ng/ul	98
47) Dimethylphthalate	14.157	163	2596752	40.836	ng/ul	100
48) 2,6-Dinitrotoluene	14.298	165	543320	49.328	ng/ul	97
50) Acenaphthylene	14.422	152	3237926	39.166	ng/ul	100
51) 3-Nitroaniline	14.634	138	588159	47.625	ng/ul	97
52) Acenaphthene	14.757	153	2214310	40.012	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	241175	39.333	ng/ul	98
55) 4-Nitrophenol	14.916	109	406247	39.441	ng/ul	98
56) Dibenzofuran	15.092	168	3008465	39.844	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	772787	46.853	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.310	232	597353	45.952	ng/ul	96
59) Diethylphthalate	15.510	149	2692430	41.411	ng/ul	98
61) Fluorene	15.745	166	2477937	40.023	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	1157976	39.844	ng/ul	99
63) 4-Nitroaniline	15.804	138	583147	49.341	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.828	198	392550	40.876	ng/ul#	98
67) N-Nitrosodiphenylamine	15.957	169	2123755	43.034	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	702454	43.213	ng/ul	98
69) Hexachlorobenzene	16.722	284	789848	41.585	ng/ul	96
70) Atrazine	16.916	200	682917	38.464	ng/ul	98
71) Pentachlorophenol	17.086	266	490584	41.951	ng/ul	98
72) Phenanthrene	17.504	178	3918517	40.853	ng/ul	100
74) Anthracene	17.598	178	3902900	40.510	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	927959	40.107	ng/uL	98
76) Pentachlorobenzene	14.987	250	899325	43.321	ng/uL	99
77) Carbazole	17.881	167	3651741	41.130	ng/ul	99
78) Di-n-butylphthalate	18.386	149	4695932	45.690	ng/ul	100
80) Fluoranthene	19.469	202	4464363	50.199	ng/ul	100
82) Pyrene	19.822	202	4524047	48.175	ng/ul	100
83) Butylbenzylphthalate	20.680	149	2135066	56.437	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	1278598	41.290	ng/ul	99
85) Benzo(a)anthracene	21.545	228	4000750	41.861	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	3074130	55.991	ng/ul	98
87) Chrysene	21.598	228	3701717	41.391	ng/ul	100
89) Di-n-octyl phthalate	22.404	149	4937557	62.030	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	3553131	46.778	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	3348726	44.440	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2908453	40.592	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	3239787	38.311	ng/ul	99
95) Dibenzo(a,h)anthracene	26.909	278	2688035	38.196	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	2619370	38.918	ng/ul	98

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

