

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020148.D
 Acq On : 02 May 2024 16:10
 Operator : MA/JU
 Sample : PB160361BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS361

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 02 16:59:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 17:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	86884	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	388583	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	282089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	634900	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	593179	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	538452	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	14594	7.094	ng/uL	0.00
4) Pyridine-d5	3.616	84	205736	34.418	ng/u1	0.00
7) Phenol-d5	6.810	99	290081	38.877	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	171077	37.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	208936	39.170	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	241687	40.064	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	113496	39.005	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	132688	39.820	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	247119	40.640	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	325382	38.233	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	834417	40.506	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	890497	39.133	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	134457	42.469	ng/u1	0.00
60) Fluorene-d10	15.322	176	695399	40.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	163533	40.590	ng/u1	0.00
73) Anthracene-d10	17.251	188	1112770	40.514	ng/u1	0.00
81) Pyrene-d10	19.645	212	1338063	38.590	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	1068969	41.059	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	28781	12.329	ng/uL	97
5) Pyridine	3.634	79	197927	32.736	ng/u1	94
6) Benzaldehyde	6.799	77	162214	43.251	ng/u1	96
8) Phenol	6.834	94	296280	38.472	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	226078	37.516	ng/u1	98
12) 2-Chlorophenol	7.193	128	216322	38.843	ng/u1	97
13) 2-Methylphenol	8.069	108	221468	38.553	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	284753	37.879	ng/u1	100
16) Acetophenone	8.452	105	387245	38.678	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	219360	40.374	ng/u1	97
18) 4-Methylphenol	8.399	108	245827	39.371	ng/u1	99
19) Hexachloroethane	8.675	117	93673	36.781	ng/u1	94
22) Nitrobenzene	8.828	77	313032	37.474	ng/u1	99
23) Isophorone	9.351	82	619688	38.580	ng/u1	99
25) 2-Nitrophenol	9.528	139	136133	39.441	ng/u1	95
26) 2,4-Dimethylphenol	9.587	107	275686	36.610	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	330830	37.152	ng/u1	98
29) 2,4-Dichlorophenol	10.057	162	234571	39.659	ng/u1	99
30) Naphthalene	10.446	128	754359	37.663	ng/u1	99
32) 4-Chloroaniline	10.575	127	277565	33.352	ng/u1	97
33) Hexachlorobutadiene	10.710	225	170450	37.103	ng/u1	96
34) Caprolactam	11.393	113	86266m	41.771	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	300596	40.818	ng/u1	100
36) 2-Methylnaphthalene	12.069	142	547704	39.302	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	544945	38.859	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	336618	38.262	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	161510	33.756	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	213595	38.715	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	238115	40.109	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	748482	37.514	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	598622	37.811	ng/ul	99
45) 2-Nitroaniline	13.381	65	213169	40.592	ng/ul	96
47) Dimethylphthalate	13.763	163	833686	40.066	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	174229	42.120	ng/ul	95
50) Acenaphthylene	14.016	152	985039	38.486	ng/ul	99
51) 3-Nitroaniline	14.239	138	158544	41.094	ng/ul	98
52) Acenaphthene	14.369	153	660494	38.400	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	103508	40.767	ng/ul	93
55) 4-Nitrophenol	14.563	109	143519	43.540	ng/ul	94
56) Dibenzofuran	14.710	168	925356	39.117	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	257759	43.342	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	205720	38.589	ng/ul	97
59) Diethylphthalate	15.169	149	868917	41.834	ng/ul	100
61) Fluorene	15.381	166	802710	40.838	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	432256	41.452	ng/ul	96
63) 4-Nitroaniline	15.434	138	153229	47.658	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	167059	39.766	ng/ul	100
67) N-Nitrosodiphenylamine	15.610	169	669527	37.874	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	271477	39.475	ng/ul	94
69) Hexachlorobenzene	16.404	284	314125	39.437	ng/ul	99
70) Atrazine	16.610	200	183910	29.339	ng/ul	99
71) Pentachlorophenol	16.780	266	176498	36.660	ng/ul	99
72) Phenanthrene	17.186	178	1268961	39.174	ng/ul	99
74) Anthracene	17.286	178	1286325	39.042	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	333866	35.382	ng/uL	98
76) Pentachlorobenzene	14.622	250	343989	36.429	ng/uL	99
77) Carbazole	17.575	167	1139417	40.144	ng/ul	100
78) Di-n-butylphthalate	18.175	149	1478037	42.962	ng/ul	100
80) Fluoranthene	19.298	202	1571716	38.516	ng/ul	100
82) Pyrene	19.680	202	1622532	38.215	ng/ul	99
83) Butylbenzylphthalate	20.657	149	682199	42.327	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.557	252	503293	41.690	ng/ul	98
85) Benzo(a)anthracene	21.621	228	1583786	39.365	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.568	149	1011302	43.494	ng/ul	98
87) Chrysene	21.686	228	1467024	39.342	ng/ul	99
89) Di-n-octyl phthalate	22.868	149	1622384	47.048	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	1359055	42.430	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	1361668	41.715	ng/ul	100
93) Benzo(a)pyrene	24.845	252	1212050	39.769	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.850	276	1288590m	34.490	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	1076823m	34.846	ng/ul	
96) Benzo(g,h,i)perylene	30.015	276	1016451	33.733	ng/ul	98

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

