

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021278.D
 Acq On : 01 Aug 2024 03:18
 Operator : CG/JU
 Sample : PB162276BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS276

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 01 04:29:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	242915	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	1018208	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	718157	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1412224	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1291787	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1393988	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	30829	5.775	ng/uL	-0.01
4) Pyridine-d5	3.581	84	391006	25.301	ng/u1	-0.01
7) Phenol-d5	6.846	99	539359	27.235	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	318573	26.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	434268	26.615	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	434686	26.427	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	216093	27.324	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	229731	25.380	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	404738	24.728	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	557433	25.708	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1474240	28.239	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1608586	27.441	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	308064	41.474	ng/u1	-0.02
60) Fluorene-d10	15.287	176	1263440	29.499	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	285999	33.471	ng/u1	0.00
73) Anthracene-d10	17.187	188	1743799	27.801	ng/u1	0.00
81) Pyrene-d10	19.569	212	2258823	28.284	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	2011186	29.253	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.199	88	56969	9.704	ng/uL	96
5) Pyridine	3.605	79	402497	25.251	ng/u1	98
6) Benzaldehyde	6.805	77	280352	28.079	ng/u1	99
8) Phenol	6.869	94	566536	28.270	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	440206	26.591	ng/u1	99
12) 2-Chlorophenol	7.211	128	453663	27.741	ng/u1	99
13) 2-Methylphenol	8.087	108	428018	27.617	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.140	45	647601	27.077	ng/u1	97
16) Acetophenone	8.452	105	697466	27.474	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	352280	26.484	ng/u1	98
18) 4-Methylphenol	8.416	108	463733	27.930	ng/u1	98
19) Hexachloroethane	8.675	117	192274	26.163	ng/u1	99
22) Nitrobenzene	8.828	77	531801	28.071	ng/u1	99
23) Isophorone	9.346	82	916771	24.342	ng/u1	99
25) 2-Nitrophenol	9.528	139	242732	25.712	ng/u1	99
26) 2,4-Dimethylphenol	9.599	107	369327	19.839	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.816	93	536421	23.432	ng/u1	100
29) 2,4-Dichlorophenol	10.081	162	397333	24.632	ng/u1	99
30) Naphthalene	10.446	128	1448248	27.040	ng/u1	100
32) 4-Chloroaniline	10.575	127	517107	24.974	ng/u1	100
33) Hexachlorobutadiene	10.699	225	310803	25.697	ng/u1	99
34) Caprolactam	11.399	113	166710m	33.549	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	533961	30.453	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	1010374	27.482	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	1017361	26.906	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	594539	25.492	ng/ul	99
40) Hexachlorocyclopentadiene	12.393	237	120962	9.914	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	355068	24.093	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	405019	25.975	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	1369727	26.098	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	1110873	26.513	ng/ul	100
45) 2-Nitroaniline	13.375	65	377564	32.586	ng/ul	97
47) Dimethylphthalate	13.722	163	1483243	28.001	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	322056	30.410	ng/ul	100
50) Acenaphthylene	13.987	152	1801253	27.139	ng/ul	100
51) 3-Nitroaniline	14.222	138	322870	35.034	ng/ul	100
52) Acenaphthene	14.328	153	1185960	26.922	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	162274	29.177	ng/ul	98
55) 4-Nitrophenol	14.581	109	219291	36.294	ng/ul	94
56) Dibenzofuran	14.681	168	1690952	28.031	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	482907	33.217	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.928	232	319461	23.926	ng/ul	98
59) Diethylphthalate	15.116	149	1543065	29.148	ng/ul	100
61) Fluorene	15.345	166	1416032	28.765	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.340	204	728350	27.267	ng/ul	97
63) 4-Nitroaniline	15.410	138	328296	43.016	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	302834	33.420	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	1258608	30.605	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	442278	26.719	ng/ul	95
69) Hexachlorobenzene	16.363	284	540745	28.491	ng/ul	94
70) Atrazine	16.551	200	44973	3.001	ng/ul	98
71) Pentachlorophenol	16.740	266	209122	20.287	ng/ul	98
72) Phenanthrene	17.134	178	2014570	27.499	ng/ul	99
74) Anthracene	17.222	178	2016041	26.993	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	611697	27.062	ng/ul	98
76) Pentachlorobenzene	14.593	250	621606	27.676	ng/ul	99
77) Carbazole	17.528	167	1845377	30.225	ng/ul	99
78) Di-n-butylphthalate	18.081	149	2312103	27.449	ng/ul	100
80) Fluoranthene	19.222	202	2654207	27.520	ng/ul	98
82) Pyrene	19.604	202	2747469	27.994	ng/ul	96
83) Butylbenzylphthalate	20.545	149	1139265	27.861	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	794578	26.918	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2538883	28.057	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	1629146	27.685	ng/ul#	96
87) Chrysene	21.575	228	2358122	28.045	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	3205762	34.812	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	2505580	29.619	ng/ul	99
91) Benzo(k)fluoranthene	23.833	252	2434592	28.838	ng/ul	99
93) Benzo(a)pyrene	24.657	252	2186279	27.349	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	2920094m	28.348	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	2407115	28.219	ng/ul	98
96) Benzo(g,h,i)perylene	29.745	276	2307250m	27.502	ng/ul	

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

