

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018624.D
 Acq On : 06 Dec 2023 03:01
 Operator : MA/JU
 Sample : PB157333BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS333

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 06 03:29:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	325939	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	1555244	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	1020387	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2182210	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1580650	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1726614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	57179	5.978	ng/uL	0.00
4) Pyridine-d5	3.681	84	807453	31.517	ng/u1	0.00
7) Phenol-d5	7.022	99	1110343	33.946	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	633316	32.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	824901	32.320	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	876093	33.096	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	421899	30.479	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	462036	32.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	915051	31.183	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	1140785	29.746	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	2763698	30.347	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	3056377	30.478	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	467345	31.263	ng/u1	0.00
60) Fluorene-d10	15.475	176	2318549	30.330	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	424877	32.472	ng/u1	0.00
73) Anthracene-d10	17.328	188	3301470	28.778	ng/u1	0.00
81) Pyrene-d10	19.563	212	3704396	30.107	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	3131423	31.105	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	121436	11.578	ng/uL	93
5) Pyridine	3.705	79	850479	32.873	ng/u1	95
6) Benzaldehyde	6.993	77	620545	36.745	ng/u1	97
8) Phenol	7.052	94	1127535	35.151	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	899962	34.163	ng/u1	100
12) 2-Chlorophenol	7.416	128	850923	32.942	ng/u1	98
13) 2-Methylphenol	8.299	108	834199	33.970	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1100777	32.932	ng/u1	99
16) Acetophenone	8.681	105	1367628	34.667	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	681471	31.400	ng/u1	98
18) 4-Methylphenol	8.634	108	923130	34.425	ng/u1	97
19) Hexachloroethane	8.928	117	350044	33.055	ng/u1	95
22) Nitrobenzene	9.057	77	1028503	30.560	ng/u1	98
23) Isophorone	9.587	82	2039315	29.719	ng/u1	99
25) 2-Nitrophenol	9.763	139	505093	32.871	ng/u1	98
26) 2,4-Dimethylphenol	9.828	107	617411	20.545	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1283479	29.627	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	902307	31.923	ng/u1	98
30) Naphthalene	10.699	128	2847727	30.184	ng/u1	100
32) 4-Chloroaniline	10.810	127	1063644	29.100	ng/u1	100
33) Hexachlorobutadiene	10.981	225	606495	32.039	ng/u1	98
34) Caprolactam	11.604	113	304942m	35.184	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	979609	30.937	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	2014082	30.133	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1993983	29.541	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1196576	32.321	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	499807	22.777	ng/ul	100
41) 2,4,6-Trichlorophenol	12.916	196	761237	31.964	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	837023	32.419	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	2708665	30.693	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	2162310	31.023	ng/ul	99
45) 2-Nitroaniline	13.569	65	608484	32.203	ng/ul	98
47) Dimethylphthalate	13.945	163	2772363	30.926	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	578150	34.136	ng/ul	91
50) Acenaphthylene	14.204	152	3461163	30.698	ng/ul	99
51) 3-Nitroaniline	14.393	138	559946	33.119	ng/ul	99
52) Acenaphthene	14.545	153	2300439	30.859	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	277231	30.885	ng/ul	98
55) 4-Nitrophenol	14.704	109	363086	32.149	ng/ul	95
56) Dibenzofuran	14.881	168	3200683	30.892	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	816328	34.265	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.104	232	684469	31.605	ng/ul	96
59) Diethylphthalate	15.310	149	2755693	31.414	ng/ul	100
61) Fluorene	15.528	166	2556015	31.177	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	1368022	31.816	ng/ul	95
63) 4-Nitroaniline	15.557	138	551914	34.266	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	472317	33.763	ng/ul	94
67) N-Nitrosodiphenylamine	15.740	169	2209325	30.553	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	895527	32.506	ng/ul	95
69) Hexachlorobenzene	16.528	284	1014334	32.977	ng/ul	99
70) Atrazine	16.698	200	544295	25.318	ng/ul	98
71) Pentachlorophenol	16.875	266	561394	30.688	ng/ul	99
72) Phenanthrene	17.275	178	4084395	30.990	ng/ul	100
74) Anthracene	17.363	178	3882610	29.390	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1221727	32.379	ng/ul	99
76) Pentachlorobenzene	14.798	250	1210814	32.668	ng/ul	99
77) Carbazole	17.634	167	3531547	33.541	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4497674	32.081	ng/ul	100
80) Fluoranthene	19.239	202	4509023	31.003	ng/ul	97
82) Pyrene	19.592	202	4475654	30.504	ng/ul	96
83) Butylbenzylphthalate	20.469	149	1713939	31.909	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	1218741	31.729	ng/ul	98
85) Benzo(a)anthracene	21.298	228	3998748	31.167	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	2346133	31.779	ng/ul	98
87) Chrysene	21.351	228	3713940	31.434	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3761138	29.835	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	3829467	30.081	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	3938099	31.972	ng/ul	99
93) Benzo(a)pyrene	23.580	252	3702847	31.833	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.151	276	4702723	33.837	ng/ul	98
95) Dibenzo(a,h)anthracene	26.168	278	3921302	33.917	ng/ul	98
96) Benzo(g,h,i)perylene	26.904	276	3814078	34.100	ng/ul	98

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

