

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018497.D
 Acq On : 02 Dec 2023 03:35
 Operator : MA/JU
 Sample : PB157278BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS278

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 04:11:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	351080	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1500625	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	942544	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	1893119	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1295924	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	1472109	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	56282	5.463	ng/uL	0.00
4) Pyridine-d5	3.693	84	807669	29.268	ng/u1	0.00
7) Phenol-d5	7.034	99	1097989	31.164	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	648177	31.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	821649	29.887	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	862805	30.260	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	409963	30.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	433528	31.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	872293	30.807	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	1115230	30.138	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2568098	30.528	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	2882961	31.123	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	436425	31.606	ng/u1	0.00
60) Fluorene-d10	15.487	176	2143871	30.361	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	353978	31.184	ng/u1	0.00
73) Anthracene-d10	17.340	188	2934793	29.488	ng/u1	0.00
81) Pyrene-d10	19.569	212	3093956	30.671	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	2682879	31.256	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	121923	10.792	ng/uL	94
5) Pyridine	3.711	79	851293	30.548	ng/u1	98
6) Benzaldehyde	7.005	77	613748	33.740	ng/u1	98
8) Phenol	7.058	94	1122799	32.497	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.293	93	914948	32.244	ng/u1	99
12) 2-Chlorophenol	7.428	128	852512	30.640	ng/u1	99
13) 2-Methylphenol	8.311	108	830792	31.408	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1138198	31.613	ng/u1	97
16) Acetophenone	8.693	105	1366355	32.155	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	684109	29.265	ng/u1	99
18) 4-Methylphenol	8.640	108	915215	31.686	ng/u1	100
19) Hexachloroethane	8.940	117	348960	30.593	ng/u1	99
22) Nitrobenzene	9.069	77	1031133	31.754	ng/u1	100
23) Isophorone	9.599	82	2020924	30.523	ng/u1	100
25) 2-Nitrophenol	9.781	139	482764	32.562	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	647801	22.341	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.081	93	1278030	30.575	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	860124	31.538	ng/u1	99
30) Naphthalene	10.710	128	2812591	30.896	ng/u1	100
32) 4-Chloroaniline	10.822	127	1040627	29.506	ng/u1	100
33) Hexachlorobutadiene	10.999	225	570531	31.236	ng/u1	99
34) Caprolactam	11.610	113	285157m	34.099	ng/u1	
35) 4-Chloro-3-methylphenol	11.952	107	937029	30.669	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	1951040	30.252	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1929484	29.625	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	1107655	32.391	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	483613	23.859	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	705165	32.055	ng/ul	100
42) 2,4,5-Trichlorophenol	12.999	196	772738	32.401	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	2606105	31.970	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2064919	32.073	ng/ul	99
45) 2-Nitroaniline	13.575	65	575409	32.968	ng/ul	97
47) Dimethylphthalate	13.957	163	2599930	31.398	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	517437	33.074	ng/ul	96
50) Acenaphthylene	14.216	152	3311340	31.795	ng/ul	99
51) 3-Nitroaniline	14.398	138	503827	32.261	ng/ul	98
52) Acenaphthene	14.557	153	2166537	31.463	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	244135	29.444	ng/ul	97
55) 4-Nitrophenol	14.710	109	335335	32.144	ng/ul	95
56) Dibenzofuran	14.893	168	3006880	31.418	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	724616	32.927	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	605668	30.276	ng/ul	98
59) Diethylphthalate	15.322	149	2486155	30.682	ng/ul	99
61) Fluorene	15.540	166	2359293	31.154	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	1242739	31.290	ng/ul	97
63) 4-Nitroaniline	15.563	138	492254	33.086	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	395076	32.554	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	2021433	32.223	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	768165	32.141	ng/ul	94
69) Hexachlorobenzene	16.540	284	865783	32.446	ng/ul	99
70) Atrazine	16.704	200	481057	25.793	ng/ul	99
71) Pentachlorophenol	16.887	266	475720	29.976	ng/ul	98
72) Phenanthrene	17.281	178	3671482	32.111	ng/ul	100
74) Anthracene	17.375	178	3493044	30.478	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	1121533	34.262	ng/uL	98
76) Pentachlorobenzene	14.810	250	1086622	33.794	ng/uL	98
77) Carbazole	17.645	167	3098638	33.924	ng/ul	100
78) Di-n-butylphthalate	18.204	149	3738041	30.734	ng/ul	100
80) Fluoranthene	19.245	202	3816309	32.005	ng/ul	100
82) Pyrene	19.598	202	3814225	31.708	ng/ul	100
83) Butylbenzylphthalate	20.481	149	1315012	29.861	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.245	252	983143	31.219	ng/ul	99
85) Benzo(a)anthracene	21.304	228	3349177	31.840	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1801589	29.764	ng/ul	99
87) Chrysene	21.357	228	3103190	32.036	ng/ul	99
89) Di-n-octyl phthalate	22.157	149	2982394	27.748	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	3423985	31.546	ng/ul	99
91) Benzo(k)fluoranthene	23.022	252	3208151	30.548	ng/ul	100
93) Benzo(a)pyrene	23.592	252	3186918	32.134	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	4180564	35.280	ng/ul	99
95) Dibenzo(a,h)anthracene	26.192	278	3505174	35.559	ng/ul	98
96) Benzo(g,h,i)perylene	26.927	276	3452735	36.207	ng/ul	98

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

