

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030634.D
 Acq On : 03 Apr 2024 18:47
 Operator : MA/JU
 Sample : PB159839BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS839

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 03 22:29:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	220037	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	982857	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	645910	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1325269	20.000	ng/u1	0.00
79) Chrysene-d12	21.328	240	1219236	20.000	ng/u1	0.00
88) Perylene-d12	24.269	264	1240068	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	34738	7.402	ng/uL	0.00
4) Pyridine-d5	3.599	84	477630	33.944	ng/u1	0.00
7) Phenol-d5	6.864	99	662264	37.206	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	389330	35.413	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	527191	39.042	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	531444	35.624	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	268050	39.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	280482	44.969	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	535536	39.220	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	827567	36.814	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1567746	36.354	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1867812	37.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	321409	38.964	ng/u1	0.00
60) Fluorene-d10	15.334	176	1373278	36.390	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	238305	40.738	ng/u1	0.00
73) Anthracene-d10	17.187	188	2078502	36.400	ng/u1	0.00
81) Pyrene-d10	19.481	212	2480076	37.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.063	264	2324911	40.688	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	67033	13.334	ng/uL	99
5) Pyridine	3.617	79	455439	32.076	ng/u1	98
6) Benzaldehyde	6.840	77	297059	35.837	ng/u1	97
8) Phenol	6.887	94	657619	35.464	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	527371	34.876	ng/u1	98
12) 2-Chlorophenol	7.258	128	534744	36.917	ng/u1	96
13) 2-Methylphenol	8.134	108	502726	35.183	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	706399	33.176	ng/u1	99
16) Acetophenone	8.516	105	795966	33.793	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.505	70	395624	33.349	ng/u1	100
18) 4-Methylphenol	8.463	108	545917	34.128	ng/u1	98
19) Hexachloroethane	8.763	117	218756	36.021	ng/u1	100
22) Nitrobenzene	8.893	77	605711	36.393	ng/u1	97
23) Isophorone	9.416	82	1172506	35.324	ng/u1	100
25) 2-Nitrophenol	9.599	139	294431	40.166	ng/u1	98
26) 2,4-Dimethylphenol	9.658	107	519225	31.869	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	719878	34.111	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	510487	36.627	ng/u1	100
30) Naphthalene	10.528	128	1758891	34.893	ng/u1	100
32) 4-Chloroaniline	10.640	127	719589	33.215	ng/u1	98
33) Hexachlorobutadiene	10.810	225	317642	36.207	ng/u1	97
34) Caprolactam	11.422	113	184457m	35.426	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	573335	36.523	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	1215692	34.533	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1201547	33.622	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	605642	36.333	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	292434	30.892	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	403686	38.755	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	446548	37.960	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1540085	34.982	ng/ul	97
44) 2-Chloronaphthalene	13.204	162	1246146	35.957	ng/ul	98
45) 2-Nitroaniline	13.416	65	365735	39.654	ng/ul	100
47) Dimethylphthalate	13.799	163	1563796	35.104	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	325875	39.455	ng/ul	97
50) Acenaphthylene	14.057	152	2069083	36.116	ng/ul	99
51) 3-Nitroaniline	14.246	138	340067	38.791	ng/ul	100
52) Acenaphthene	14.398	153	1358546	35.585	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	139350	36.733	ng/ul	93
55) 4-Nitrophenol	14.557	109	240654	36.824	ng/ul	99
56) Dibenzofuran	14.740	168	1845269	34.771	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	476175	39.489	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	361425	36.994	ng/ul	99
59) Diethylphthalate	15.169	149	1607919	35.529	ng/ul	98
61) Fluorene	15.387	166	1486202	35.233	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.387	204	709910	34.303	ng/ul	98
63) 4-Nitroaniline	15.416	138	374059	43.889	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.469	198	253293	40.298	ng/ul	96
67) N-Nitrosodiphenylamine	15.598	169	1317921	36.516	ng/ul	96
68) 4-Bromophenyl-phenylether	16.281	248	459988	36.552	ng/ul	94
69) Hexachlorobenzene	16.381	284	520628	35.134	ng/ul	97
70) Atrazine	16.557	200	251421	20.098	ng/ul	96
71) Pentachlorophenol	16.734	266	323074	36.977	ng/ul	98
72) Phenanthrene	17.128	178	2439120	35.823	ng/ul	99
74) Anthracene	17.216	178	2476813	35.983	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	604634	37.136	ng/ul	98
76) Pentachlorobenzene	14.651	250	585987	35.434	ng/ul	93
77) Carbazole	17.492	167	2315076	38.352	ng/ul	100
78) Di-n-butylphthalate	18.063	149	2847294	38.665	ng/ul	99
80) Fluoranthene	19.145	202	2917466	37.440	ng/ul	98
82) Pyrene	19.516	202	3025732	36.766	ng/ul	98
83) Butylbenzylphthalate	20.428	149	1336723	42.533	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.233	252	961716	42.928	ng/ul	97
85) Benzo(a)anthracene	21.304	228	2974552	36.556	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.239	149	1880481	40.574	ng/ul	98
87) Chrysene	21.369	228	2808074	36.562	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	3479841	44.312	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2884860	39.530	ng/ul	97
91) Benzo(k)fluoranthene	23.398	252	2876429	38.810	ng/ul	98
93) Benzo(a)pyrene	24.127	252	2614410	37.923	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.568	276	2738640	36.749	ng/ul	99
95) Dibenzo(a,h)anthracene	27.633	278	2335304m	37.224	ng/ul	
96) Benzo(g,h,i)perylene	28.604	276	2141585	36.605	ng/ul	98

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

