

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030633.D
 Acq On : 03 Apr 2024 18:08
 Operator : MA/JU
 Sample : PB159923BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS923

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 19:09:02 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	206193	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	930873	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	610809	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1278845	20.000	ng/u1	0.00
79) Chrysene-d12	21.328	240	1177985	20.000	ng/u1	0.00
88) Perylene-d12	24.269	264	1196874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	32304	7.345	ng/uL	0.00
4) Pyridine-d5	3.599	84	440063	33.374	ng/u1	0.00
7) Phenol-d5	6.864	99	607523	36.422	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	360775	35.019	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	487394	38.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	488332	34.932	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	245581	38.031	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	255229	43.206	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	487027	37.659	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	769486	36.142	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1449387	35.541	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1723109	36.749	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	287884	36.905	ng/u1	0.00
60) Fluorene-d10	15.334	176	1257634	35.241	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	213024	37.738	ng/u1	0.00
73) Anthracene-d10	17.187	188	1942729	35.258	ng/u1	0.00
81) Pyrene-d10	19.486	212	2333860	36.850	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	2212250	40.114	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	62394	13.244	ng/uL	97
5) Pyridine	3.617	79	417388	31.370	ng/u1	98
6) Benzaldehyde	6.840	77	284037	36.566	ng/u1	97
8) Phenol	6.887	94	611622	35.198	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.122	93	489156	34.521	ng/u1	98
12) 2-Chlorophenol	7.258	128	492940	36.315	ng/u1	96
13) 2-Methylphenol	8.134	108	466805	34.862	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	651134	32.634	ng/u1	99
16) Acetophenone	8.516	105	737020	33.392	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.505	70	367282	33.039	ng/u1	98
18) 4-Methylphenol	8.463	108	509031	33.959	ng/u1	98
19) Hexachloroethane	8.763	117	204336	35.906	ng/u1	99
22) Nitrobenzene	8.893	77	555077	35.213	ng/u1	98
23) Isophorone	9.416	82	1080358	34.366	ng/u1	98
25) 2-Nitrophenol	9.593	139	271189	39.061	ng/u1	97
26) 2,4-Dimethylphenol	9.658	107	479183	31.054	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	667675	33.404	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	470626	35.653	ng/u1	98
30) Naphthalene	10.528	128	1646707	34.491	ng/u1	100
32) 4-Chloroaniline	10.640	127	666365	32.476	ng/u1	97
33) Hexachlorobutadiene	10.810	225	282916	34.050	ng/u1	99
34) Caprolactam	11.422	113	170041m	34.481	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	520865	35.033	ng/u1	98
36) 2-Methylnaphthalene	12.146	142	1110630	33.310	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1098062	32.443	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.516	216	566226	35.921	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	262199	29.290	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	367303	37.289	ng/ul	100
42) 2,4,5-Trichlorophenol	12.828	196	409316	36.795	ng/ul	95
43) 1,1'-Biphenyl	13.169	154	1435967	34.491	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1155064	35.244	ng/ul	98
45) 2-Nitroaniline	13.416	65	333335	38.218	ng/ul	98
47) Dimethylphthalate	13.799	163	1451385	34.453	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	297200	38.051	ng/ul	99
50) Acenaphthylene	14.057	152	1933660	35.692	ng/ul	99
51) 3-Nitroaniline	14.246	138	313331	37.795	ng/ul	98
52) Acenaphthene	14.398	153	1241412	34.385	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	128417	35.796	ng/ul	98
55) 4-Nitrophenol	14.557	109	218390	35.337	ng/ul	99
56) Dibenzofuran	14.740	168	1701984	33.914	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	434219	38.079	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	334415	36.197	ng/ul	97
59) Diethylphthalate	15.175	149	1475038	34.466	ng/ul	99
61) Fluorene	15.387	166	1365086	34.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	659867	33.717	ng/ul	96
63) 4-Nitroaniline	15.416	138	339606	42.137	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	223659	36.875	ng/ul	95
67) N-Nitrosodiphenylamine	15.604	169	1210265	34.750	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	425889	35.071	ng/ul	98
69) Hexachlorobenzene	16.387	284	471368	32.964	ng/ul	99
70) Atrazine	16.557	200	259445	21.492	ng/ul	100
71) Pentachlorophenol	16.734	266	301911	35.810	ng/ul	96
72) Phenanthrene	17.128	178	2276497	34.648	ng/ul	98
74) Anthracene	17.216	178	2307965	34.748	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	563476	35.865	ng/ul	99
76) Pentachlorobenzene	14.651	250	548684	34.383	ng/ul	91
77) Carbazole	17.492	167	2165779	37.181	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2665276	37.508	ng/ul	100
80) Fluoranthene	19.151	202	2724360	36.186	ng/ul	99
82) Pyrene	19.516	202	2787655	35.060	ng/ul	98
83) Butylbenzylphthalate	20.428	149	1249252	41.142	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.239	252	905056	41.814	ng/ul	97
85) Benzo(a)anthracene	21.310	228	2807707	35.714	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1789451	39.962	ng/ul	98
87) Chrysene	21.369	228	2647342	35.676	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3258172	42.987	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2667743	37.874	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	2723707	38.076	ng/ul	99
93) Benzo(a)pyrene	24.133	252	2531445	38.045	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.580	276	2574276	35.790	ng/ul	98
95) Dibenzo(a,h)anthracene	27.639	278	2203610	36.392	ng/ul	97
96) Benzo(g,h,i)perylene	28.604	276	2015261	35.689	ng/ul	97

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

