

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031130.D
 Acq On : 22 Apr 2024 20:14
 Operator : MA/JU
 Sample : PB160414BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS414

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 01:40:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	113777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	522418	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	354607	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	786046	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	801592	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1071181	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	17679	7.259	ng/uL	0.00
4) Pyridine-d5	3.552	84	206229	29.405	ng/u1	0.00
7) Phenol-d5	6.811	99	314276	32.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	173932	31.148	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	249829	33.431	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	253440	31.399	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	124284	33.111	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	132618	33.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	258630	33.613	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	365749	30.418	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	786857	31.887	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	928808	33.216	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	168004	32.620	ng/u1	0.00
60) Fluorene-d10	15.281	176	702516	32.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	121369	30.604	ng/u1	0.00
73) Anthracene-d10	17.134	188	1111980	32.638	ng/u1	0.00
81) Pyrene-d10	19.433	212	1337162	33.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1692794	33.325	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	24624	9.541	ng/uL#	86
5) Pyridine	3.570	79	208917	29.519	ng/u1	98
6) Benzaldehyde	6.787	77	174214	36.967	ng/u1	98
8) Phenol	6.834	94	311470	31.477	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	233865	29.954	ng/u1	99
12) 2-Chlorophenol	7.199	128	252444	32.499	ng/u1	99
13) 2-Methylphenol	8.075	108	233218	30.413	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.158	45	300486	29.519	ng/u1	99
16) Acetophenone	8.457	105	375362	30.014	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	184502	29.598	ng/u1	98
18) 4-Methylphenol	8.405	108	264888	30.838	ng/u1	99
19) Hexachloroethane	8.699	117	99517	30.874	ng/u1	93
22) Nitrobenzene	8.834	77	274594	30.996	ng/u1	99
23) Isophorone	9.352	82	546844	30.248	ng/u1	99
25) 2-Nitrophenol	9.540	139	139098	32.223	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	220353	25.030	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	326797	29.760	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	248530	32.339	ng/u1	96
30) Naphthalene	10.463	128	823887	30.430	ng/u1	100
32) 4-Chloroaniline	10.581	127	346614	29.668	ng/u1	99
33) Hexachlorobutadiene	10.746	225	143545	30.639	ng/u1	95
34) Caprolactam	11.357	113	92973	30.705	ng/u1	94
35) 4-Chloro-3-methylphenol	11.710	107	280608	31.492	ng/u1	95
36) 2-Methylnaphthalene	12.087	142	583871	30.581	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	593608	30.726	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	292263	31.497	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	109190	21.422	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	202184	32.736	ng/ul	89
42) 2,4,5-Trichlorophenol	12.775	196	227368	33.204	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	759554	31.144	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	608380	31.218	ng/ul	97
45) 2-Nitroaniline	13.369	65	179737	33.408	ng/ul	100
47) Dimethylphthalate	13.745	163	759586	29.838	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	152630	31.940	ng/ul	99
50) Acenaphthylene	14.004	152	998789	30.578	ng/ul	99
51) 3-Nitroaniline	14.198	138	180711	32.940	ng/ul	95
52) Acenaphthene	14.345	153	654721	30.237	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	74471	27.557	ng/ul	98
55) 4-Nitrophenol	14.510	109	128649	30.779	ng/ul	97
56) Dibenzofuran	14.687	168	921110	30.767	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	231904	31.938	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	193240	32.653	ng/ul	98
59) Diethylphthalate	15.116	149	795908	30.401	ng/ul	99
61) Fluorene	15.334	166	744830	30.232	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.334	204	356778	30.403	ng/ul	99
63) 4-Nitroaniline	15.369	138	209360	35.396	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.422	198	128606	30.201	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	673998	31.990	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	233024	31.347	ng/ul	95
69) Hexachlorobenzene	16.334	284	264686	30.886	ng/ul	99
70) Atrazine	16.510	200	227790	30.796	ng/ul	96
71) Pentachlorophenol	16.681	266	183416	32.942	ng/ul	99
72) Phenanthrene	17.075	178	1259065	30.284	ng/ul	99
74) Anthracene	17.169	178	1277616	30.366	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	300255	32.566	ng/uL	99
76) Pentachlorobenzene	14.598	250	293481	30.825	ng/uL	98
77) Carbazole	17.439	167	1245607	32.410	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1533373	32.732	ng/ul	100
80) Fluoranthene	19.098	202	1514763	32.493	ng/ul	100
82) Pyrene	19.463	202	1627704	33.231	ng/ul	98
83) Butylbenzylphthalate	20.375	149	743709	34.410	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	591302	35.402	ng/ul	96
85) Benzo(a)anthracene	21.257	228	1666001	30.606	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	1095572	33.760	ng/ul	99
87) Chrysene	21.316	228	1657614	32.081	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	2158581	34.960	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1899199m	31.511	ng/ul	
91) Benzo(k)fluoranthene	23.321	252	1903228	31.397	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1662024	27.642	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.439	276	2250588	30.164	ng/ul	100
95) Dibenzo(a,h)anthracene	27.486	278	1847435	30.167	ng/ul	96
96) Benzo(g,h,i)perylene	28.451	276	1717669	28.588	ng/ul	98

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

