

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
 Data File : BN030838.D
 Acq On : 11 Apr 2024 05:41
 Operator : MA/JU
 Sample : PB160122BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS122

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 11 06:15:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	141710	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	668518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	467572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1042680	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1096997	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1214873	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	24143	7.988	ng/uL	0.00
4) Pyridine-d5	3.593	84	281683	31.083	ng/u1	0.00
7) Phenol-d5	6.852	99	393438	34.320	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	227127	32.078	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	314086	36.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	326673	34.001	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	163317	35.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	171037	40.316	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	336064	36.184	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	487510	31.884	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	1094132	35.048	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1257222	35.027	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	222430	37.250	ng/u1	0.00
60) Fluorene-d10	15.316	176	958609	35.091	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	170100	36.960	ng/u1	0.00
73) Anthracene-d10	17.169	188	1556214	34.640	ng/u1	0.00
81) Pyrene-d10	19.469	212	1915786	32.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2040527	36.452	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	32620	10.075	ng/uL	93
5) Pyridine	3.611	79	270767	29.610	ng/u1	96
6) Benzaldehyde	6.828	77	203478	38.115	ng/u1	99
8) Phenol	6.875	94	390375	32.688	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.110	93	298838	30.686	ng/u1	99
12) 2-Chlorophenol	7.240	128	311820	33.425	ng/u1	98
13) 2-Methylphenol	8.116	108	291335	31.658	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	393334	28.684	ng/u1	98
16) Acetophenone	8.499	105	480011	31.643	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.487	70	236639	30.973	ng/u1	96
18) 4-Methylphenol	8.446	108	339504	32.955	ng/u1	99
19) Hexachloroethane	8.746	117	122139	31.228	ng/u1	97
22) Nitrobenzene	8.875	77	353878	31.259	ng/u1	99
23) Isophorone	9.399	82	695400	30.801	ng/u1	100
25) 2-Nitrophenol	9.581	139	180051	36.112	ng/u1	99
26) 2,4-Dimethylphenol	9.640	107	297280	26.826	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.881	93	432721	30.146	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	326059	34.394	ng/u1	98
30) Naphthalene	10.510	128	1061227	30.951	ng/u1	99
32) 4-Chloroaniline	10.622	127	451574	30.645	ng/u1	100
33) Hexachlorobutadiene	10.787	225	182992	30.667	ng/u1	97
34) Caprolactam	11.404	113	119120m	33.635	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	372431	34.880	ng/u1	98
36) 2-Methylnaphthalene	12.128	142	768874	32.110	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	769840	31.671	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	394987	32.734	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	161170	23.519	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	262596	34.826	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	298656	35.072	ng/ul	96
43) 1,1'-Biphenyl	13.151	154	1015640	31.868	ng/ul	99
44) 2-Chloronaphthalene	13.193	162	799045	31.850	ng/ul	98
45) 2-Nitroaniline	13.404	65	235313	35.245	ng/ul	97
47) Dimethylphthalate	13.787	163	1053635	32.673	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	209404	35.024	ng/ul	98
50) Acenaphthylene	14.040	152	1346250	32.462	ng/ul	99
51) 3-Nitroaniline	14.234	138	240815	37.947	ng/ul	99
52) Acenaphthene	14.387	153	874833	31.655	ng/ul	100
53) 2,4-Dinitrophenol	14.440	184	94297	34.338	ng/ul	94
55) 4-Nitrophenol	14.545	109	168450	35.606	ng/ul	98
56) Dibenzofuran	14.722	168	1261226	32.830	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	324020	37.120	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.945	232	260953	36.898	ng/ul	95
59) Diethylphthalate	15.157	149	1081975	33.027	ng/ul	99
61) Fluorene	15.375	166	1001443	32.796	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	485439	32.403	ng/ul	99
63) 4-Nitroaniline	15.398	138	264724	42.908	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	175102	35.409	ng/ul	98
67) N-Nitrosodiphenylamine	15.586	169	908636	31.999	ng/ul	97
68) 4-Bromophenyl-phenylether	16.263	248	314063	31.720	ng/ul	97
69) Hexachlorobenzene	16.369	284	358548	30.754	ng/ul	98
70) Atrazine	16.545	200	319375	32.450	ng/ul	97
71) Pentachlorophenol	16.716	266	238094	34.637	ng/ul	100
72) Phenanthrene	17.110	178	1700381	31.741	ng/ul	99
74) Anthracene	17.204	178	1701003	31.410	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	391690	30.577	ng/uL	99
76) Pentachlorobenzene	14.634	250	393574	30.249	ng/uL	92
77) Carbazole	17.475	167	1669486	35.153	ng/ul	98
78) Di-n-butylphthalate	18.045	149	2001125	34.540	ng/ul	99
80) Fluoranthene	19.133	202	2120955	30.251	ng/ul	98
82) Pyrene	19.498	202	2264057	30.577	ng/ul	100
83) Butylbenzylphthalate	20.410	149	998350	35.306	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	677721	33.622	ng/ul	100
85) Benzo(a)anthracene	21.292	228	2351083	32.114	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	1417845	34.001	ng/ul	98
87) Chrysene	21.351	228	2207410	31.944	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	2614062	33.978	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2394108	33.485	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2343009	32.268	ng/ul	99
93) Benzo(a)pyrene	24.098	252	1970697	29.178	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.527	276	2483195	34.012	ng/ul	99
95) Dibenzo(a,h)anthracene	27.592	278	2079833	33.839	ng/ul	94
96) Benzo(g,h,i)perylene	28.562	276	1928210	33.642	ng/ul	96

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

