

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031111.D
 Acq On : 21 Apr 2024 16:26
 Operator : MA/JU
 Sample : PB160347BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS347

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 21 22:31:03 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	126007	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	573410	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	399632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	877820	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	978106	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1220203	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	19452	7.212	ng/uL	0.00
4) Pyridine-d5	3.546	84	216294	27.847	ng/u1	0.00
7) Phenol-d5	6.805	99	350315	32.957	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	200778	32.465	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	274031	33.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	289449	32.379	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	139136	33.772	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	146667	34.248	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	292589	34.645	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	339906	25.755	ng/u1	0.00
46) Dimethylphthalate-d6	13.699	166	921171	33.124	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1063695	33.754	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	194847	33.569	ng/u1	0.00
60) Fluorene-d10	15.275	176	801664	33.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	142714	32.224	ng/u1	0.00
73) Anthracene-d10	17.128	188	1293563	33.998	ng/u1	0.00
81) Pyrene-d10	19.433	212	1639068	34.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2032296	35.123	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	29619	10.363	ng/uL	89
5) Pyridine	3.570	79	249206	31.795	ng/u1	93
6) Benzaldehyde	6.781	77	189453	36.299	ng/u1	98
8) Phenol	6.834	94	359273	32.784	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	264681	30.610	ng/u1	98
12) 2-Chlorophenol	7.199	128	280792	32.640	ng/u1	98
13) 2-Methylphenol	8.075	108	264425	31.136	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	353290	31.338	ng/u1	98
16) Acetophenone	8.452	105	434267	31.354	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	210669	30.516	ng/u1	98
18) 4-Methylphenol	8.405	108	299639	31.498	ng/u1	97
19) Hexachloroethane	8.699	117	107647	30.155	ng/u1	97
22) Nitrobenzene	8.828	77	317416	32.644	ng/u1	98
23) Isophorone	9.352	82	610003	30.741	ng/u1	100
25) 2-Nitrophenol	9.534	139	163585	34.525	ng/u1	97
26) 2,4-Dimethylphenol	9.599	107	275852	28.547	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	380177	31.542	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	285342	33.827	ng/u1	97
30) Naphthalene	10.463	128	938679	31.587	ng/u1	99
32) 4-Chloroaniline	10.581	127	376107	29.330	ng/u1	99
33) Hexachlorobutadiene	10.740	225	160309	31.175	ng/u1	100
34) Caprolactam	11.357	113	102619	30.877	ng/u1	93
35) 4-Chloro-3-methylphenol	11.710	107	325694	33.302	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	668372	31.893	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	681185	32.123	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.452	216	336076	32.138	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	141462	24.627	ng/ul	95
41) 2,4,6-Trichlorophenol	12.699	196	222493	31.965	ng/ul	91
42) 2,4,5-Trichlorophenol	12.769	196	258760	33.530	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	881079	32.057	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	697831	31.773	ng/ul	98
45) 2-Nitroaniline	13.363	65	206860	34.118	ng/ul	100
47) Dimethylphthalate	13.746	163	900937	31.403	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	177185	32.901	ng/ul	99
50) Acenaphthylene	13.999	152	1146135	31.135	ng/ul	100
51) 3-Nitroaniline	14.198	138	208118	33.662	ng/ul	95
52) Acenaphthene	14.346	153	747501	30.632	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	84120	27.621	ng/ul	97
55) 4-Nitrophenol	14.510	109	154586	32.817	ng/ul	96
56) Dibenzofuran	14.681	168	1085175	32.164	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	274702	33.570	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	209162	31.361	ng/ul	95
59) Diethylphthalate	15.116	149	908522	30.792	ng/ul	98
61) Fluorene	15.334	166	861152	31.015	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.334	204	410351	31.028	ng/ul	99
63) 4-Nitroaniline	15.363	138	238688m	35.807	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	153870	32.356	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	783296	33.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	264251	31.831	ng/ul	94
69) Hexachlorobenzene	16.328	284	304191	31.785	ng/ul	97
70) Atrazine	16.504	200	203322	24.614	ng/ul	92
71) Pentachlorophenol	16.681	266	191978	30.875	ng/ul	98
72) Phenanthrene	17.075	178	1491040	32.114	ng/ul	100
74) Anthracene	17.163	178	1485738	31.620	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	347028	33.704	ng/uL	97
76) Pentachlorobenzene	14.598	250	337785	31.769	ng/uL	98
77) Carbazole	17.439	167	1438398	33.513	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1710362	32.693	ng/ul	99
80) Fluoranthene	19.098	202	1850007	32.522	ng/ul	100
82) Pyrene	19.463	202	1978631	33.105	ng/ul	99
83) Butylbenzylphthalate	20.375	149	857004	32.496	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	664640	32.611	ng/ul	93
85) Benzo(a)anthracene	21.251	228	2168547	32.649	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	1259580	31.810	ng/ul	99
87) Chrysene	21.310	228	2092642	33.192	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2377363	33.801	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2365207	34.450	ng/ul	96
91) Benzo(k)fluoranthene	23.310	252	2407808	34.870	ng/ul	98
93) Benzo(a)pyrene	24.033	252	2051102	29.947	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.427	276	2765553	32.539	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	2250287	32.258	ng/ul	94
96) Benzo(g,h,i)perylene	28.439	276	2113293	30.877	ng/ul	97

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

