

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031181.D
 Acq On : 24 Apr 2024 09:28
 Operator : MA/JU
 Sample : PB160407BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS407

Quant Time: Apr 24 11:22:23 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :Sohil Jodhani 04/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	131042	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	609191	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	418043	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	931788	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1033844	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1226701	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	20517	7.315	ng/uL	0.00
4) Pyridine-d5	3.546	84	260515	32.251	ng/u1	0.00
7) Phenol-d5	6.805	99	383803	34.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	215886	33.567	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	302573	35.154	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	305431	32.855	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	153014	34.959	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	165690	36.417	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	312134	34.789	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	481491	34.340	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	955559	32.848	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1115517	33.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	215378	35.472	ng/u1	0.00
60) Fluorene-d10	15.275	176	859625	33.945	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	155600	33.099	ng/u1	0.00
73) Anthracene-d10	17.128	188	1380080	34.171	ng/u1	0.00
81) Pyrene-d10	19.433	212	1803857	35.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2128634	36.593	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	31740	10.678	ng/uL#	84
5) Pyridine	3.564	79	262996	32.265	ng/u1	99
6) Benzaldehyde	6.781	77	210079	38.704	ng/u1	99
8) Phenol	6.834	94	392031	34.398	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	286536	31.865	ng/u1	96
12) 2-Chlorophenol	7.193	128	311106	34.774	ng/u1	99
13) 2-Methylphenol	8.069	108	284044	32.161	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.146	45	378699	32.301	ng/u1	98
16) Acetophenone	8.452	105	458255	31.815	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	224099	31.214	ng/u1	99
18) 4-Methylphenol	8.399	108	325910	32.943	ng/u1	99
19) Hexachloroethane	8.693	117	121200	32.647	ng/u1	98
22) Nitrobenzene	8.828	77	340133	32.925	ng/u1	99
23) Isophorone	9.346	82	648115	30.743	ng/u1	100
25) 2-Nitrophenol	9.534	139	179977	35.754	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	277369	27.018	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	403704	31.526	ng/u1	100
29) 2,4-Dichlorophenol	10.057	162	308165	34.387	ng/u1	97
30) Naphthalene	10.457	128	1027356	32.540	ng/u1	100
32) 4-Chloroaniline	10.575	127	396563	29.108	ng/u1	99
33) Hexachlorobutadiene	10.734	225	171969	31.478	ng/u1	97
34) Caprolactam	11.357	113	111748	31.649	ng/u1	94
35) 4-Chloro-3-methylphenol	11.704	107	347797	33.473	ng/u1	95
36) 2-Methylnaphthalene	12.081	142	718892	32.289	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	728977	32.358	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.445	216	367957	33.638	ng/ul	99
40) Hexachlorocyclopentadiene	12.422	237	134653	22.409	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	248690	34.155	ng/ul	96
42) 2,4,5-Trichlorophenol	12.769	196	271678	33.654	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	947928	32.970	ng/ul	97
44) 2-Chloronaphthalene	13.145	162	737393	32.096	ng/ul	98
45) 2-Nitroaniline	13.363	65	223355	35.216	ng/ul	97
47) Dimethylphthalate	13.739	163	937430	31.236	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	192813	34.226	ng/ul	97
50) Acenaphthylene	13.998	152	1222760	31.754	ng/ul	99
51) 3-Nitroaniline	14.192	138	227438	35.167	ng/ul	96
52) Acenaphthene	14.339	153	802208	31.426	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	92544	29.048	ng/ul	96
55) 4-Nitrophenol	14.510	109	165535	33.594	ng/ul	99
56) Dibenzofuran	14.681	168	1158024	32.811	ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	300111	35.060	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	235423	33.744	ng/ul	98
59) Diethylphthalate	15.110	149	978245	31.695	ng/ul	98
61) Fluorene	15.328	166	928880	31.981	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	435103	31.451	ng/ul	97
63) 4-Nitroaniline	15.363	138	261956m	37.567	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	166213	32.928	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	833185	33.361	ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	284867	32.327	ng/ul	95
69) Hexachlorobenzene	16.328	284	329298	32.415	ng/ul	97
70) Atrazine	16.504	200	254730	29.051	ng/ul	99
71) Pentachlorophenol	16.675	266	224301	33.984	ng/ul	99
72) Phenanthrene	17.069	178	1629214	33.058	ng/ul	99
74) Anthracene	17.163	178	1610847	32.297	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	371163	33.960	ng/uL	98
76) Pentachlorobenzene	14.592	250	370750	32.850	ng/uL	97
77) Carbazole	17.439	167	1580910	34.701	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1877965	33.818	ng/ul	100
80) Fluoranthene	19.092	202	2069597	34.421	ng/ul	98
82) Pyrene	19.457	202	2199891	34.823	ng/ul	100
83) Butylbenzylphthalate	20.374	149	976266	35.022	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	761259	35.338	ng/ul	93
85) Benzo(a)anthracene	21.251	228	2381627	33.924	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	1398908	33.423	ng/ul	99
87) Chrysene	21.310	228	2276999	34.169	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	2692199	38.075	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2511472	36.387	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	2444530	35.214	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2136064	31.022	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.415	276	2634089	30.828	ng/ul	99
95) Dibenzo(a,h)anthracene	27.474	278	2188332	31.204	ng/ul	96
96) Benzo(g,h,i)perylene	28.433	276	2044251	29.710	ng/ul	99

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

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