

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042924\
 Data File : BN031306.D
 Acq On : 29 Apr 2024 13:39
 Operator : MA/JU
 Sample : SSTD02046
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020226

Quant Time: Apr 29 14:23:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 29 14:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	251553	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	1210082	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	811763	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1685144	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1233155	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1165359	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	40566	7.715	ng/uL	0.00
4) Pyridine-d5	3.540	84	293453	18.572	ng/u1	0.00
7) Phenol-d5	6.793	99	379691	19.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	225724	18.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	305415	20.049	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	321070	19.184	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	156762	19.127	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	169982	21.831	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	317692	19.351	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	473933	17.835	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	954538	18.248	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1115756	18.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	170926	17.208	ng/u1	0.00
60) Fluorene-d10	15.263	176	818140	17.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	150151	19.697	ng/u1	0.00
73) Anthracene-d10	17.116	188	1265317	18.089	ng/u1	0.00
81) Pyrene-d10	19.421	212	1403488	21.122	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	966280	18.616	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	43834	7.752	ng/uL	100
5) Pyridine	3.558	79	298595	18.806	ng/u1	100
6) Benzaldehyde	6.769	77	229786	24.796	ng/u1	100
8) Phenol	6.822	94	391550	18.906	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.052	93	321232	19.094	ng/u1	100
12) 2-Chlorophenol	7.181	128	316998	19.525	ng/u1	100
13) 2-Methylphenol	8.063	108	304149	19.000	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	426984	18.219	ng/u1	100
16) Acetophenone	8.440	105	498924	19.143	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.428	70	253921	19.281	ng/u1	100
18) 4-Methylphenol	8.393	108	336486	18.860	ng/u1	100
19) Hexachloroethane	8.681	117	127398	18.783	ng/u1	100
22) Nitrobenzene	8.816	77	375211	18.795	ng/u1	100
23) Isophorone	9.340	82	729396	18.504	ng/u1	100
25) 2-Nitrophenol	9.522	139	190090	21.076	ng/u1	100
26) 2,4-Dimethylphenol	9.587	107	353475	18.213	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.822	93	454294	18.142	ng/u1	100
29) 2,4-Dichlorophenol	10.051	162	315500	18.894	ng/u1	100
30) Naphthalene	10.445	128	1066453	17.848	ng/u1	100
32) 4-Chloroaniline	10.569	127	458265	17.913	ng/u1	100
33) Hexachlorobutadiene	10.722	225	180345	17.364	ng/u1	100
34) Caprolactam	11.351	113	107857	17.414	ng/u1	100
35) 4-Chloro-3-methylphenol	11.692	107	359196	19.153	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	744228	17.894	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	762129	18.022	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	377062	18.518	ng/ul	100
40) Hexachlorocyclopentadiene	12.410	237	206339	17.836	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	256610	19.985	ng/ul	100
42) 2,4,5-Trichlorophenol	12.757	196	277901	19.284	ng/ul	100
43) 1,1'-Biphenyl	13.092	154	1000034	18.603	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	784831	18.548	ng/ul	100
45) 2-Nitroaniline	13.351	65	226200	19.859	ng/ul	100
47) Dimethylphthalate	13.734	163	991705	18.346	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	192872	19.118	ng/ul	100
50) Acenaphthylene	13.986	152	1293331	18.623	ng/ul	100
51) 3-Nitroaniline	14.186	138	214445	20.026	ng/ul	100
52) Acenaphthene	14.328	153	841109	18.172	ng/ul	100
53) 2,4-Dinitrophenol	14.392	184	92207	18.687	ng/ul	100
55) 4-Nitrophenol	14.498	109	135997	17.315	ng/ul	100
56) Dibenzofuran	14.669	168	1159558	18.056	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	289280	19.627	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.898	232	236207	19.587	ng/ul	100
59) Diethylphthalate	15.104	149	1008696	18.400	ng/ul	100
61) Fluorene	15.322	166	922947	18.200	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	446499	17.975	ng/ul	100
63) 4-Nitroaniline	15.351	138	206831	20.136	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.404	198	165913	20.295	ng/ul	100
67) N-Nitrosodiphenylamine	15.533	169	814773	18.405	ng/ul	100
68) 4-Bromophenyl-phenylether	16.216	248	284539	18.310	ng/ul	100
69) Hexachlorobenzene	16.316	284	325450	18.028	ng/ul	100
70) Atrazine	16.492	200	272795	17.854	ng/ul	100
71) Pentachlorophenol	16.669	266	191583	17.642	ng/ul	100
72) Phenanthrene	17.057	178	1495177	17.939	ng/ul	100
74) Anthracene	17.151	178	1522778	18.101	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	378312	18.657	ng/ul	100
76) Pentachlorobenzene	14.581	250	382459	18.711	ng/ul	100
77) Carbazole	17.427	167	1394342	18.899	ng/ul	100
78) Di-n-butylphthalate	17.992	149	1730445	19.168	ng/ul	100
80) Fluoranthene	19.086	202	1707827	21.557	ng/ul	100
82) Pyrene	19.451	202	1731808	20.811	ng/ul	100
83) Butylbenzylphthalate	20.363	149	736943	22.871	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.168	252	436963	19.941	ng/ul	100
85) Benzo(a)anthracene	21.239	228	1500971	18.758	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.168	149	992071	21.494	ng/ul	100
87) Chrysene	21.298	228	1399824	18.562	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	1508408	20.467	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1294600	19.461	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	1235670	18.453	ng/ul	100
93) Benzo(a)pyrene	24.009	252	1155313	18.525	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.380	276	1284395	18.955	ng/ul	100
95) Dibenzo(a,h)anthracene	27.439	278	1077134	18.868	ng/ul	100
96) Benzo(g,h,i)perylene	28.397	276	1029101	19.237	ng/ul	100

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

