

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031208.D
 Acq On : 25 Apr 2024 04:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020381

Quant Time: Apr 25 05:16:47 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	7.628	152	220239	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	1026675	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	692145	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1509006	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1602099	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1819074	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	36955	7.839	ng/uL	0.00
4) Pyridine-d5	3.546	84	278631	20.524	ng/u1	0.00
7) Phenol-d5	6.805	99	382565	20.592	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	221927	20.531	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.158	132	303305	20.967	ng/u1	-0.01
15) 4-Methylphenol-d8	8.334	113	316268	20.242	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	160625	21.775	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	172455	22.491	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	328329	21.713	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	482960	20.438	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	989466	20.543	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1169429	21.426	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	206053	20.497	ng/u1	0.00
60) Fluorene-d10	15.269	176	874933	20.867	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	154526	20.297	ng/u1	0.00
73) Anthracene-d10	17.122	188	1407874	21.525	ng/u1	-0.01
81) Pyrene-d10	19.427	212	1734859	22.037	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1824461	21.150	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	39535	7.914	ng/uL	97
5) Pyridine	3.564	79	274727	20.054	ng/u1	98
6) Benzaldehyde	6.781	77	228221	25.018	ng/u1	99
8) Phenol	6.828	94	397415	20.748	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	316377	20.934	ng/u1	100
12) 2-Chlorophenol	7.193	128	323741	21.531	ng/u1	97
13) 2-Methylphenol	8.069	108	306897	20.675	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	412234	20.921	ng/u1	100
16) Acetophenone	8.452	105	493942	20.404	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	244515	20.264	ng/u1	99
18) 4-Methylphenol	8.399	108	342494	20.599	ng/u1	99
19) Hexachloroethane	8.693	117	130429	20.904	ng/u1	98
22) Nitrobenzene	8.828	77	374033	21.484	ng/u1	99
23) Isophorone	9.346	82	720569	20.281	ng/u1	99
25) 2-Nitrophenol	9.528	139	190147	22.414	ng/u1	96
26) 2,4-Dimethylphenol	9.593	107	355369	20.540	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	440977	20.434	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	322659	21.364	ng/u1	99
30) Naphthalene	10.457	128	1103454	20.739	ng/u1	99
32) 4-Chloroaniline	10.575	127	467796	20.374	ng/u1	97
33) Hexachlorobutadiene	10.734	225	193184	20.982	ng/u1	98
34) Caprolactam	11.357	113	115678	19.440	ng/u1	95
35) 4-Chloro-3-methylphenol	11.704	107	369450	21.098	ng/u1	97
36) 2-Methylnaphthalene	12.075	142	771265	20.555	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	774735	20.405	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	395743	21.851	ng/ul	99
40) Hexachlorocyclopentadiene	12.422	237	165611	16.646	ng/ul	91
41) 2,4,6-Trichlorophenol	12.698	196	269568	22.361	ng/ul	95
42) 2,4,5-Trichlorophenol	12.769	196	290362	21.724	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	996656	20.937	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	802227	21.090	ng/ul	98
45) 2-Nitroaniline	13.357	65	235821	22.457	ng/ul	94
47) Dimethylphthalate	13.740	163	1022232	20.573	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	207211	22.215	ng/ul	98
50) Acenaphthylene	13.992	152	1349072	21.160	ng/ul	99
51) 3-Nitroaniline	14.192	138	237527	22.182	ng/ul	98
52) Acenaphthene	14.339	153	884140	20.919	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	91454	17.338	ng/ul	94
55) 4-Nitrophenol	14.510	109	164322	20.141	ng/ul	98
56) Dibenzofuran	14.675	168	1228166	21.018	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	314508	22.192	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	250394	21.677	ng/ul	96
59) Diethylphthalate	15.110	149	1040337	20.359	ng/ul	99
61) Fluorene	15.328	166	984566	20.474	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	473649	20.679	ng/ul	97
63) 4-Nitroaniline	15.363	138	266174	23.055	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	164561	20.130	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	854528	21.127	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	307614	21.555	ng/ul	93
69) Hexachlorobenzene	16.328	284	366235	22.261	ng/ul	96
70) Atrazine	16.504	200	309943	21.827	ng/ul	95
71) Pentachlorophenol	16.675	266	235440	22.027	ng/ul	97
72) Phenanthrene	17.069	178	1675414	20.991	ng/ul	98
74) Anthracene	17.157	178	1693637	20.968	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	393324	22.222	ng/ul	98
76) Pentachlorobenzene	14.592	250	390400	21.359	ng/ul	96
77) Carbazole	17.439	167	1590729	21.560	ng/ul	99
78) Di-n-butylphthalate	17.998	149	2008528	22.334	ng/ul	99
80) Fluoranthene	19.092	202	2096037	22.496	ng/ul	98
82) Pyrene	19.457	202	2170724	22.173	ng/ul	99
83) Butylbenzylphthalate	20.369	149	996646	23.072	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.180	252	703395	21.071	ng/ul	90
85) Benzo(a)anthracene	21.245	228	2290198	21.051	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	1449417	22.347	ng/ul	98
87) Chrysene	21.304	228	2127418	20.601	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	2700576	25.756	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2263703	22.117	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	2268169	22.033	ng/ul	99
93) Benzo(a)pyrene	24.027	252	2086477	20.434	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.409	276	2332404	18.408	ng/ul	99
95) Dibenzo(a,h)anthracene	27.468	278	1926567	18.525	ng/ul	96
96) Benzo(g,h,i)perylene	28.427	276	1850150	18.133	ng/ul	100

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

