

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024907.D
 Acq On : 14 Apr 2023 21:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020271

Quant Time: Apr 15 00:02:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 15 00:01:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	298161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	1305135	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	820449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	1784523	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	1750380	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1841668	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	66066	8.433	ng/uL	0.00
4) Pyridine-d5	3.734	84	473865	20.201	ng/u1	0.00
7) Phenol-d5	7.099	99	592081	20.368	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	399692	20.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	456542	21.371	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	475684	20.613	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	227586	21.536	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	250342	21.871	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	446561	21.827	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	672242	21.652	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1386249	21.795	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1581759	21.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	279619	21.447	ng/u1	0.00
60) Fluorene-d10	15.575	176	1164278	21.681	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	239972	20.663	ng/u1	0.00
73) Anthracene-d10	17.434	188	1830221	21.837	ng/u1	0.00
81) Pyrene-d10	19.722	212	2120342	20.861	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	2120193	22.018	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	71042	8.403	ng/uL	96
5) Pyridine	3.752	79	501603	20.696	ng/u1	96
6) Benzaldehyde	7.075	77	350349	24.667	ng/u1	97
8) Phenol	7.128	94	622874	20.575	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.358	93	494991	20.827	ng/u1	100
12) 2-Chlorophenol	7.499	128	469136	21.027	ng/u1	99
13) 2-Methylphenol	8.387	108	456111	20.521	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	952983	20.420	ng/u1	99
16) Acetophenone	8.769	105	762669	20.901	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.752	70	410216	20.842	ng/u1	98
18) 4-Methylphenol	8.716	108	514205	20.804	ng/u1	99
19) Hexachloroethane	9.022	117	190640	21.171	ng/u1	95
22) Nitrobenzene	9.152	77	609637	21.469	ng/u1	99
23) Isophorone	9.675	82	1115072	21.393	ng/u1	99
25) 2-Nitrophenol	9.863	139	273250	22.131	ng/u1	98
26) 2,4-Dimethylphenol	9.922	107	564518	21.715	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	687246	21.186	ng/u1	100
29) 2,4-Dichlorophenol	10.399	162	450600	21.945	ng/u1	97
30) Naphthalene	10.805	128	1572396	21.572	ng/u1	100
32) 4-Chloroaniline	10.916	127	676046	21.509	ng/u1	100
33) Hexachlorobutadiene	11.087	225	264924	22.136	ng/u1	97
34) Caprolactam	11.687	113	151126m	20.999	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	530476	22.034	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	1045371	21.701	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1049589	21.826	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	516759	21.593	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	304748	20.883	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	355801	21.760	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	388543	21.714	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	1390142	21.266	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1103869	21.748	ng/ul	99
45) 2-Nitroaniline	13.669	65	382578	21.585	ng/ul	98
47) Dimethylphthalate	14.040	163	1390534	21.729	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	278266	22.277	ng/ul	97
50) Acenaphthylene	14.304	152	1727069	21.574	ng/ul	99
51) 3-Nitroaniline	14.493	138	290314	22.117	ng/ul	98
52) Acenaphthene	14.646	153	1187875	21.463	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	158208	19.699	ng/ul	96
55) 4-Nitrophenol	14.799	109	226382	21.334	ng/ul	98
56) Dibenzofuran	14.981	168	1637914	21.471	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	407452	22.534	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.204	232	328226	22.276	ng/ul	98
59) Diethylphthalate	15.404	149	1395444	21.700	ng/ul	99
61) Fluorene	15.634	166	1353741	22.063	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.622	204	635799	22.262	ng/ul	98
63) 4-Nitroaniline	15.657	138	302345	23.373	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	243040	21.364	ng/ul	98
67) N-Nitrosodiphenylamine	15.840	169	1141744	21.089	ng/ul	97
68) 4-Bromophenyl-phenylether	16.522	248	364084	20.298	ng/ul	95
69) Hexachlorobenzene	16.634	284	445822	21.952	ng/ul	96
70) Atrazine	16.793	200	406557	22.069	ng/ul	99
71) Pentachlorophenol	16.981	266	266304	21.097	ng/ul	98
72) Phenanthrene	17.375	178	2144061	21.291	ng/ul	99
74) Anthracene	17.463	178	2215444	21.833	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	541739	21.344	ng/ul	98
76) Pentachlorobenzene	14.904	250	515287	21.219	ng/ul	99
77) Carbazole	17.740	167	2024020	22.090	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2405383	22.118	ng/ul	99
80) Fluoranthene	19.387	202	2519768	20.685	ng/ul	100
82) Pyrene	19.751	202	2670387	20.826	ng/ul	97
83) Butylbenzylphthalate	20.645	149	1114407	20.934	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	898588	22.375	ng/ul	95
85) Benzo(a)anthracene	21.504	228	2621746	20.855	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1662050	20.914	ng/ul	100
87) Chrysene	21.557	228	2498379	20.865	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	2839438	22.435	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	2682904	22.214	ng/ul	96
91) Benzo(k)fluoranthene	23.263	252	2681454	22.563	ng/ul	99
93) Benzo(a)pyrene	23.845	252	2335294	22.085	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.492	276	2676207	20.888	ng/ul	98
95) Dibenzo(a,h)anthracene	26.510	278	2245212	21.227	ng/ul	99
96) Benzo(g,h,i)perylene	27.274	276	2108868	20.285	ng/ul	98

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

