

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042423\
 Data File : BN025107.D
 Acq On : 24 Apr 2023 10:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020280

Quant Time: Apr 25 01:25:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 01:54:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	195980	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	906852	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	606883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1408706	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1528615	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	1861342	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	37890	7.358	ng/uL	0.00
4) Pyridine-d5	3.716	84	274788	17.822	ng/u1	0.00
7) Phenol-d5	7.075	99	350455	18.342	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	243912	19.086	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	266442	18.975	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	285015	18.790	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	128686	17.526	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	141269	17.762	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	274497	19.310	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	423623	19.637	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	909106	19.323	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1020513	18.929	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	178203	18.478	ng/u1	0.00
60) Fluorene-d10	15.551	176	783114	19.715	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	141598	15.445	ng/u1	0.00
73) Anthracene-d10	17.410	188	1290010	19.498	ng/u1	0.00
81) Pyrene-d10	19.704	212	1611891	18.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	1830694	18.810	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	41227	7.419	ng/uL	100
5) Pyridine	3.740	79	280927	17.635	ng/u1	96
6) Benzaldehyde	7.052	77	203853	21.836	ng/u1	98
8) Phenol	7.099	94	375769	18.884	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.334	93	298721	19.122	ng/u1	99
12) 2-Chlorophenol	7.475	128	280493	19.126	ng/u1	100
13) 2-Methylphenol	8.357	108	276115	18.900	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.451	45	591050	19.268	ng/u1	100
16) Acetophenone	8.746	105	470618	19.622	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.728	70	241546	18.671	ng/u1	98
18) 4-Methylphenol	8.693	108	310050	19.085	ng/u1	100
19) Hexachloroethane	8.999	117	110675	18.699	ng/u1	98
22) Nitrobenzene	9.128	77	368974	18.701	ng/u1	98
23) Isophorone	9.651	82	654986	18.085	ng/u1	99
25) 2-Nitrophenol	9.840	139	155043	18.072	ng/u1	99
26) 2,4-Dimethylphenol	9.898	107	344409	19.067	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.134	93	431804	19.158	ng/u1	98
29) 2,4-Dichlorophenol	10.375	162	278420	19.515	ng/u1	98
30) Naphthalene	10.775	128	986522	19.479	ng/u1	99
32) 4-Chloroaniline	10.893	127	437041	20.012	ng/u1	99
33) Hexachlorobutadiene	11.057	225	167182	20.104	ng/u1	98
34) Caprolactam	11.657	113	87897m	17.577	ng/u1	
35) 4-Chloro-3-methylphenol	12.010	107	329722	19.711	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	667694	19.948	ng/u1	98

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QLast Update : Sun Apr 23 01:54:00 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	666493	19.947	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.757	216	339645	19.187	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	166703	15.443	ng/ul	98
41) 2,4,6-Trichlorophenol	12.992	196	228270	18.873	ng/ul	98
42) 2,4,5-Trichlorophenol	13.063	196	247023	18.663	ng/ul	99
43) 1,1'-Biphenyl	13.392	154	925465	19.140	ng/ul	100
44) 2-Chloronaphthalene	13.439	162	712346	18.973	ng/ul	99
45) 2-Nitroaniline	13.645	65	230395	17.573	ng/ul	98
47) Dimethylphthalate	14.016	163	934644	19.745	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	164293	17.781	ng/ul	92
50) Acenaphthylene	14.281	152	1119217	18.901	ng/ul	100
51) 3-Nitroaniline	14.469	138	182491	18.795	ng/ul	98
52) Acenaphthene	14.628	153	798021	19.494	ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	82072	13.815	ng/ul	89
55) 4-Nitrophenol	14.775	109	155815	19.851	ng/ul	96
56) Dibenzofuran	14.957	168	1120440	19.857	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	260154	19.451	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.186	232	214376	19.669	ng/ul	100
59) Diethylphthalate	15.381	149	944003	19.846	ng/ul	99
61) Fluorene	15.610	166	937825	20.663	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	440192	20.837	ng/ul	97
63) 4-Nitroaniline	15.633	138	196527	20.539	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.686	198	147160	16.387	ng/ul#	94
67) N-Nitrosodiphenylamine	15.816	169	782246	18.303	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	265629	18.759	ng/ul	96
69) Hexachlorobenzene	16.616	284	312496	19.492	ng/ul	99
70) Atrazine	16.769	200	279506	19.220	ng/ul	99
71) Pentachlorophenol	16.957	266	185312	18.597	ng/ul	92
72) Phenanthrene	17.351	178	1546010	19.448	ng/ul	100
74) Anthracene	17.445	178	1574595	19.657	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	351957	17.566	ng/uL	98
76) Pentachlorobenzene	14.881	250	361116	18.838	ng/uL	98
77) Carbazole	17.716	167	1472165	20.354	ng/ul	99
78) Di-n-butylphthalate	18.275	149	1759383	20.494	ng/ul	99
80) Fluoranthene	19.369	202	1917592	18.025	ng/ul	99
82) Pyrene	19.733	202	2086734	18.635	ng/ul	97
83) Butylbenzylphthalate	20.633	149	821548	17.671	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.421	252	734489	20.942	ng/ul	96
85) Benzo(a)anthracene	21.492	228	2137284	19.468	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	1288904	18.572	ng/ul	98
87) Chrysene	21.545	228	2049463	19.599	ng/ul	97
89) Di-n-octyl phthalate	22.351	149	2217507	17.336	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	2372803	19.438	ng/ul	96
91) Benzo(k)fluoranthene	23.245	252	2292887	19.089	ng/ul	98
93) Benzo(a)pyrene	23.833	252	2038168	19.071	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	2721829	21.020	ng/ul	99
95) Dibenzo(a,h)anthracene	26.486	278	2225354	20.816	ng/ul	97
96) Benzo(g,h,i)perylene	27.250	276	2231246	21.235	ng/ul	98

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

