

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024874.D
 Acq On : 14 Apr 2023 00:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020269

Quant Time: Apr 14 03:30:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 14 03:27:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	261311	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1146148	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	703022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	1550699	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1407898	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	1689441	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	64013	9.323	ng/uL	0.00
4) Pyridine-d5	3.734	84	463047	22.523	ng/u1	0.00
7) Phenol-d5	7.099	99	518813	20.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	368454	21.623	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	413456	22.084	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	433775	21.448	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	207936	22.406	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	224989	22.383	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	406479	22.624	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	618153	22.671	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	1237670	22.710	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	1424142	22.803	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	241998	21.662	ng/u1	0.00
60) Fluorene-d10	15.581	176	1056448	22.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	209947	20.804	ng/u1	0.00
73) Anthracene-d10	17.434	188	1693839	23.257	ng/u1	0.00
81) Pyrene-d10	19.728	212	1824088	22.312	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	2013324	22.792	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	69264	9.348	ng/uL	99
5) Pyridine	3.758	79	481916	22.688	ng/u1	96
6) Benzaldehyde	7.075	77	311939	25.060	ng/u1	94
8) Phenol	7.128	94	553376	20.857	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.363	93	462868	22.222	ng/u1	99
12) 2-Chlorophenol	7.499	128	428600	21.919	ng/u1	98
13) 2-Methylphenol	8.387	108	423561	21.744	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	955441	23.360	ng/u1	98
16) Acetophenone	8.769	105	718907	22.480	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.758	70	387325	22.454	ng/u1	99
18) 4-Methylphenol	8.716	108	472758	21.824	ng/u1	95
19) Hexachloroethane	9.028	117	177127	22.444	ng/u1	95
22) Nitrobenzene	9.152	77	576852	23.133	ng/u1	97
23) Isophorone	9.681	82	1017759	22.234	ng/u1	100
25) 2-Nitrophenol	9.869	139	244882	22.584	ng/u1	99
26) 2,4-Dimethylphenol	9.928	107	518775	22.724	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	645157	22.648	ng/u1	100
29) 2,4-Dichlorophenol	10.399	162	406746	22.557	ng/u1	96
30) Naphthalene	10.804	128	1452140	22.686	ng/u1	99
32) 4-Chloroaniline	10.916	127	629228	22.797	ng/u1	100
33) Hexachlorobutadiene	11.087	225	246380	23.442	ng/u1	95
34) Caprolactam	11.693	113	123784m	19.586	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	462784	21.889	ng/u1	100
36) 2-Methylnaphthalene	12.416	142	935130	22.105	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	910660	21.564	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	458769	22.372	ng/u1	94
40) Hexachlorocyclopentadiene	12.757	237	271473	21.710	ng/u1	97
41) 2,4,6-Trichlorophenol	13.022	196	311542	22.235	ng/u1	98
42) 2,4,5-Trichlorophenol	13.093	196	347115	22.639	ng/u1	96
43) 1,1'-Biphenyl	13.422	154	1285115	22.943	ng/u1	100
44) 2-Chloronaphthalene	13.463	162	1011025	23.246	ng/u1	99
45) 2-Nitroaniline	13.669	65	349009	22.980	ng/u1	97
47) Dimethylphthalate	14.045	163	1238843	22.592	ng/u1	100
48) 2,6-Dinitrotoluene	14.169	165	241555	22.568	ng/u1	96
50) Acenaphthylene	14.310	152	1569754	22.884	ng/u1	99
51) 3-Nitroaniline	14.498	138	254324	22.611	ng/u1	97
52) Acenaphthene	14.651	153	1091984	23.027	ng/u1	99
53) 2,4-Dinitrophenol	14.698	184	125299	18.207	ng/u1	88
55) 4-Nitrophenol	14.798	109	208426	22.923	ng/u1	97
56) Dibenzofuran	14.987	168	1523469	23.307	ng/u1	94
57) 2,4-Dinitrotoluene	14.951	165	351599	22.693	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	299548	23.725	ng/u1	99
59) Diethylphthalate	15.404	149	1243343	22.565	ng/u1	99
61) Fluorene	15.634	166	1241236	23.609	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.628	204	583272	23.834	ng/u1	96
63) 4-Nitroaniline	15.657	138	261965	23.634	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.716	198	207120	20.952	ng/u1	99
67) N-Nitrosodiphenylamine	15.845	169	1039076	22.087	ng/u1	99
68) 4-Bromophenyl-phenylether	16.522	248	346240	22.213	ng/u1	99
69) Hexachlorobenzene	16.639	284	399917	22.661	ng/u1	98
70) Atrazine	16.792	200	351847	21.979	ng/u1	96
71) Pentachlorophenol	16.986	266	234418	21.371	ng/u1	94
72) Phenanthrene	17.375	178	2011991	22.992	ng/u1	99
74) Anthracene	17.469	178	2044190	23.183	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	487972	22.124	ng/u1	98
76) Pentachlorobenzene	14.904	250	493327	23.378	ng/u1	99
77) Carbazole	17.739	167	1848627	23.218	ng/u1	97
78) Di-n-butylphthalate	18.298	149	2024671	21.424	ng/u1	99
80) Fluoranthene	19.392	202	2177679	22.225	ng/u1	99
82) Pyrene	19.757	202	2308457	22.383	ng/u1	97
83) Butylbenzylphthalate	20.657	149	936056	21.861	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.445	252	740859	22.935	ng/u1	97
85) Benzo(a)anthracene	21.510	228	2289868	22.646	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1345001	21.042	ng/u1	99
87) Chrysene	21.569	228	2190263	22.741	ng/u1	95
89) Di-n-octyl phthalate	22.380	149	2374384	20.451	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	2452573	22.136	ng/u1	97
91) Benzo(k)fluoranthene	23.280	252	2295997	21.060	ng/u1	99
93) Benzo(a)pyrene	23.874	252	2228989	22.979	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.545	276	2694544	22.926	ng/u1	94
95) Dibenzo(a,h)anthracene	26.562	278	2264797	23.341	ng/u1	99
96) Benzo(g,h,i)perylene	27.333	276	2219729	23.275	ng/u1	96

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

