

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
 Data File : BN024819.D
 Acq On : 10 Apr 2023 11:19
 Operator : CG/JU
 Sample : SSTD00589
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005211

Quant Time: Apr 11 02:39:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 10 15:00:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/11/2023
 Supervised By : Jagrut Upadhyay 04/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	322871	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1430962	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	890547	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1913155	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1768777	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1885226	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	16841m	1.998	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.469	132	102190	4.418	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.110	128	47966	4.140	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	49580	3.951	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	100323	4.472	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.998	166	330269	4.784	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	363510	4.595	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.581	176	289723	4.970	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.433	188	426222	4.744	ng/u1	0.00
81) Pyrene-d10	19.727	212	490613	4.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	456163	4.628	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	18428	2.013	ng/uL	96
12) 2-Chlorophenol	7.505	128	110689	4.581	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.752	70	95663	4.488	ng/u1	100
19) Hexachloroethane	9.028	117	44196	4.532	ng/u1	94
22) Nitrobenzene	9.152	77	139611	4.484	ng/u1	96
23) Isophorone	9.681	82	247934	4.338	ng/u1	99
25) 2-Nitrophenol	9.869	139	56552	4.177	ng/u1	97
26) 2,4-Dimethylphenol	9.928	107	131780	4.623	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	169501	4.766	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	104522	4.643	ng/u1	96
30) Naphthalene	10.804	128	382769	4.790	ng/u1	99
33) Hexachlorobutadiene	11.093	225	63399	4.832	ng/u1	97
35) 4-Chloro-3-methylphenol	12.040	107	115015	4.357	ng/u1	96
36) 2-Methylnaphthalene	12.416	142	256104	4.849	ng/u1	99
37) 1-Methylnaphthalene	12.634	142	253866	4.815	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.781	216	127689	4.916	ng/u1	98
41) 2,4,6-Trichlorophenol	13.022	196	79559	4.483	ng/u1	98
42) 2,4,5-Trichlorophenol	13.092	196	88210	4.542	ng/u1	98
43) 1,1'-Biphenyl	13.422	154	347691	4.900	ng/u1	100
44) 2-Chloronaphthalene	13.463	162	271193	4.922	ng/u1	100
45) 2-Nitroaniline	13.675	65	74924	3.894	ng/u1	99
47) Dimethylphthalate	14.045	163	336279	4.841	ng/u1	98
48) 2,6-Dinitrotoluene	14.163	165	52153	3.847	ng/u1#	86
50) Acenaphthylene	14.310	152	409808	4.716	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.651	153	298632	4.971	ng/u1	99
56) Dibenzofuran	14.986	168	416966	5.036	ng/u1	97
57) 2,4-Dinitrotoluene	14.951	165	77755	3.962	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.210	232	73429	4.591	ng/u1	95
59) Diethylphthalate	15.404	149	327981	4.699	ng/u1	98
61) Fluorene	15.634	166	337231	5.064	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.628	204	160312	5.171	ng/u1	98
67) N-Nitrosodiphenylamine	15.845	169	276749	4.768	ng/u1	96
68) 4-Bromophenyl-phenylether	16.522	248	89195	4.638	ng/u1	92
69) Hexachlorobenzene	16.639	284	104974	4.821	ng/u1	93
72) Phenanthrene	17.375	178	538105	4.984	ng/u1	99
74) Anthracene	17.469	178	531147	4.882	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	130702	4.803	ng/uL	99
76) Pentachlorobenzene	14.904	250	128268	4.927	ng/uL	99
78) Di-n-butylphthalate	18.304	149	486852	4.176	ng/u1	100
80) Fluoranthene	19.392	202	581764	4.726	ng/u1	97
82) Pyrene	19.757	202	622728	4.806	ng/u1	97
83) Butylbenzylphthalate	20.657	149	207581	3.859	ng/u1	98
85) Benzo(a)anthracene	21.516	228	603100	4.748	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.433	149	342599	4.266	ng/u1	98
87) Chrysene	21.569	228	598903	4.950	ng/u1	98
90) Benzo(b)fluoranthene	23.227	252	597632	4.834	ng/u1	95
91) Benzo(k)fluoranthene	23.274	252	591639	4.863	ng/u1	99
93) Benzo(a)pyrene	23.863	252	514222	4.751	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.509	276	606180m	4.706	ng/u1	
95) Dibenzo(a,h)anthracene	26.521	278	490140m	4.599	ng/u1	
96) Benzo(g,h,i)perylene	27.292	276	479074m	4.608	ng/u1	

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

