

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
 Data File : BN018609.D
 Acq On : 15 Feb 2022 11:15
 Operator : CG/JU
 Sample : SSTD00516
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005223

Quant Time: Feb 15 17:41:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 15 17:38:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/16/2022
 Supervised By :mohammad ahmed 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	226945	20.000	ng/u1	0.00
20) Naphthalene-d8	10.713	136	890699	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.543	164	527041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	1025622	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.458	240	1039278	20.000	ng/u1	# 0.00
88) Perylene-d12	23.846	264	836926	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	9706	1.885	ng/uL	0.02
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	7.425	132	63483	4.346	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.046	128	24931	3.725	ng/u1	0.00
24) 2-Nitrophenol-d4	9.790	143	26152	3.620	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	56904	4.096	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.935	166	182311	4.835	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	234746	4.546	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.534	176	148527	4.658	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.381	188	222670	4.448	ng/u1	0.00
81) Pyrene-d10	19.656	212	233210	4.592	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.688	264	189728	4.376	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	12145	1.836	ng/uL#	90
12) 2-Chlorophenol	7.470	128	65256	4.334	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.709	70	44685	4.123	ng/u1#	95
19) Hexachloroethane	9.001	117	27965	4.431	ng/u1#	78
22) Nitrobenzene	9.092	77	69719	4.125	ng/u1	94
23) Isophorone	9.632	82	113769	3.930	ng/u1#	89
25) 2-Nitrophenol	9.812	139	30904	3.876	ng/u1	97
26) 2,4-Dimethylphenol	9.880	107	72859	4.318	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.105	93	90828	4.668	ng/u1	99
29) 2,4-Dichlorophenol	10.353	162	62445	4.319	ng/u1	96
30) Naphthalene	10.758	128	239733	4.884	ng/u1	99
33) Hexachlorobutadiene	11.051	225	45424	4.486	ng/u1	96
35) 4-Chloro-3-methylphenol	11.975	107	60630	4.228	ng/u1	95
36) 2-Methylnaphthalene	12.358	142	147392	4.718	ng/u1	97
37) 1-Methylnaphthalene	12.583	142	160002	4.848	ng/u1#	99
39) 1,2,4,5-Tetrachloroben...	12.741	216	88952	4.689	ng/u1	96
41) 2,4,6-Trichlorophenol	12.966	196	41887m	3.998	ng/u1	
42) 2,4,5-Trichlorophenol	13.033	196	45733	4.068	ng/u1	99
43) 1,1'-Biphenyl	13.371	154	221392	4.925	ng/u1	96
44) 2-Chloronaphthalene	13.416	162	162238	4.670	ng/u1	97
45) 2-Nitroaniline	13.597	65	27344	3.430	ng/u1	90
47) Dimethylphthalate	13.980	163	181304	4.864	ng/u1	99
48) 2,6-Dinitrotoluene	14.092	165	23503	3.454	ng/u1#	71
50) Acenaphthylene	14.250	152	237361	4.723	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.588	153	155143	4.773	ng/ul	99
56) Dibenzofuran	14.926	168	233602	4.969	ng/ul#	88
57) 2,4-Dinitrotoluene	14.881	165	40694	4.051	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.151	232	33790	4.035	ng/ul#	71
59) Diethylphthalate	15.354	149	151936	4.008	ng/ul	95
61) Fluorene	15.579	166	205600	5.341	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.579	204	98214	4.948	ng/ul	97
67) N-Nitrosodiphenylamine	15.782	169	172184	4.794	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	48178	4.405	ng/ul#	76
69) Hexachlorobenzene	16.593	284	69809	4.769	ng/ul	94
72) Phenanthrene	17.313	178	300863	4.851	ng/ul	98
74) Anthracene	17.403	178	301789	4.926	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	88189	4.194	ng/uL	99
76) Pentachlorobenzene	14.858	250	86202	4.683	ng/uL	97
78) Di-n-butylphthalate	18.237	149	218324	3.821	ng/ul	99
80) Fluoranthene	19.341	202	266186	4.397	ng/ul#	86
82) Pyrene	19.701	202	292740	4.397	ng/ul#	88
83) Butylbenzylphthalate	20.579	149	58874	3.580	ng/ul#	82
85) Benzo(a)anthracene	21.435	228	312001	4.890	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	144639	3.815	ng/ul#	95
87) Chrysene	21.481	228	247115	4.581	ng/ul	97
90) Benzo(b)fluoranthene	23.125	252	283995	4.895	ng/ul	98
91) Benzo(k)fluoranthene	23.170	252	239957	4.664	ng/ul	99
93) Benzo(a)pyrene	23.756	252	251967	4.594	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.346	276	280442	4.501	ng/ul	97
95) Dibenzo(a,h)anthracene	26.346	278	240932	4.565	ng/ul#	96
96) Benzo(g,h,i)perylene	27.112	276	234503	4.414	ng/ul	97

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

Manual Integrations

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