

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101122\
 Data File : BN022051.D
 Acq On : 11 Oct 2022 14:23
 Operator : CG/JU
 Sample : SSTD00529
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005238

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 03:06:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 03:00:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	95476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	446398	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	304966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	659798	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	694597	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	713914	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	5041m	1.982	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	7.493	132	26354	4.183	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.146	128	12491	4.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	11610	4.274	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	24132	4.011	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.045	166	94730	4.545	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	93981	3.867	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.628	176	83937	4.628	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.486	188	124910	4.296	ng/u1	0.00
81) Pyrene-d10	19.792	212	141366	4.280	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	144935	4.283	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	5631m	2.150	ng/uL	
12) 2-Chlorophenol	7.522	128	29758	4.403	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.781	70	26109	4.879	ng/u1	96
19) Hexachloroethane	9.057	117	12832	4.763	ng/u1	90
22) Nitrobenzene	9.187	77	36114	4.819	ng/u1	99
23) Isophorone	9.716	82	69845	4.526	ng/u1	100
25) 2-Nitrophenol	9.904	139	14302	4.494	ng/u1	93
26) 2,4-Dimethylphenol	9.963	107	35246	4.473	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.204	93	49343	5.105	ng/u1	100
29) 2,4-Dichlorophenol	10.440	162	26659	4.229	ng/u1	97
30) Naphthalene	10.846	128	113534	4.885	ng/u1	99
33) Hexachlorobutadiene	11.128	225	16518	4.549	ng/u1	99
35) 4-Chloro-3-methylphenol	12.087	107	32288	4.545	ng/u1	99
36) 2-Methylnaphthalene	12.463	142	76203	4.846	ng/u1	95
37) 1-Methylnaphthalene	12.681	142	75581	4.783	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.828	216	35334	4.518	ng/u1	98
41) 2,4,6-Trichlorophenol	13.069	196	20683	4.263	ng/u1	98
42) 2,4,5-Trichlorophenol	13.140	196	22571	4.240	ng/u1	98
43) 1,1'-Biphenyl	13.469	154	101218	4.542	ng/u1	98
44) 2-Chloronaphthalene	13.510	162	79057	4.633	ng/u1	98
45) 2-Nitroaniline	13.728	65	18991	4.438	ng/u1	93
47) Dimethylphthalate	14.092	163	105096	4.929	ng/u1	98
48) 2,6-Dinitrotoluene	14.222	165	14122	3.861	ng/u1	97
50) Acenaphthylene	14.363	152	114690	4.088	ng/u1	98

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52) Acenaphthene	14.704	153	92671	5.112	ng/ul	97
56) Dibenzofuran	15.034	168	124166	4.768	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	21729	4.090	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	20801	5.090	ng/ul	96
59) Diethylphthalate	15.457	149	108097	5.027	ng/ul	99
61) Fluorene	15.687	166	105193	5.121	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	47085	4.973	ng/ul	96
67) N-Nitrosodiphenylamine	15.898	169	85293	4.612	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	26235	4.471	ng/ul	96
69) Hexachlorobenzene	16.692	284	33285	4.765	ng/ul	94
72) Phenanthrene	17.433	178	168436	4.833	ng/ul	99
74) Anthracene	17.528	178	161268	4.647	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.434	216	36345	4.328	ng/uL	97
76) Pentachlorobenzene	14.951	250	40506	5.063	ng/uL	97
78) Di-n-butylphthalate	18.363	149	163451	4.421	ng/ul	99
80) Fluoranthene	19.457	202	180939	4.541	ng/ul	99
82) Pyrene	19.822	202	203607	4.903	ng/ul	97
83) Butylbenzylphthalate	20.722	149	65867	4.191	ng/ul	97
85) Benzo(a)anthracene	21.574	228	193113	4.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	97116	4.036	ng/ul	98
87) Chrysene	21.627	228	187507	4.631	ng/ul	93
90) Benzo(b)fluoranthene	23.298	252	201325	4.635	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	199140	5.125	ng/ul	97
93) Benzo(a)pyrene	23.951	252	176427	4.246	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.651	276	221585	4.343	ng/ul	95
95) Dibenzo(a,h)anthracene	26.674	278	198280	4.605	ng/ul	98
96) Benzo(g,h,i)perylene	27.451	276	191715	4.306	ng/ul	93

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

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