

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023553.D
 Acq On : 04 Jan 2023 15:19
 Operator : CG/JU
 Sample : SSTD00553
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005217

Quant Time: Jan 05 02:35:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:34:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	161615	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	708381	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	456322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1038452	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	958813	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	998132	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	7150m	1.830	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	7.475	132	48554	4.287	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.122	128	22515	4.114	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	21668	3.759	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	47088	4.327	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.010	166	156575	4.579	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	162307	4.232	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.592	176	139163	4.777	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.451	188	214053	4.599	ng/u1	0.00
81) Pyrene-d10	19.745	212	256815	4.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	217748	4.451	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	7742	1.912	ng/uL	89
12) 2-Chlorophenol	7.510	128	52233	4.490	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.763	70	39432	4.312	ng/u1	99
19) Hexachloroethane	9.034	117	21134	4.717	ng/u1	97
22) Nitrobenzene	9.163	77	60629	4.620	ng/u1	97
23) Isophorone	9.687	82	102725	4.150	ng/u1	99
25) 2-Nitrophenol	9.875	139	25658	4.081	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	57672	4.532	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	74462	4.702	ng/u1	100
29) 2,4-Dichlorophenol	10.410	162	48894	4.540	ng/u1	98
30) Naphthalene	10.816	128	185800	4.910	ng/u1	99
33) Hexachlorobutadiene	11.104	225	32538	5.300	ng/u1	98
35) 4-Chloro-3-methylphenol	12.057	107	51436	4.217	ng/u1	96
36) 2-Methylnaphthalene	12.428	142	121234	4.753	ng/u1	97
37) 1-Methylnaphthalene	12.645	142	123733	4.707	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.798	216	64019	4.960	ng/u1	98
41) 2,4,6-Trichlorophenol	13.040	196	37633	4.239	ng/u1	89
42) 2,4,5-Trichlorophenol	13.104	196	43484	4.426	ng/u1	91
43) 1,1'-Biphenyl	13.439	154	171659	4.978	ng/u1	96
44) 2-Chloronaphthalene	13.481	162	131568	4.900	ng/u1	97
45) 2-Nitroaniline	13.687	65	28271	3.633	ng/u1	94
47) Dimethylphthalate	14.057	163	158120	4.582	ng/u1	99
48) 2,6-Dinitrotoluene	14.181	165	23610	3.534	ng/u1#	89
50) Acenaphthylene	14.322	152	189841	4.502	ng/u1	99

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52) Acenaphthene	14.669	153	142232	4.851	ng/u1	97
56) Dibenzofuran	14.998	168	202235	4.954	ng/u1	96
57) 2,4-Dinitrotoluene	14.969	165	34805	3.529	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.228	232	36396	4.278	ng/u1	95
59) Diethylphthalate	15.422	149	157218	4.580	ng/u1	99
61) Fluorene	15.651	166	165724	5.013	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.645	204	79964	5.047	ng/u1	99
67) N-Nitrosodiphenylamine	15.857	169	134389	4.676	ng/u1	99
68) 4-Bromophenyl-phenylether	16.539	248	46830	4.674	ng/u1	99
69) Hexachlorobenzene	16.651	284	56688	4.839	ng/u1	97
72) Phenanthrene	17.392	178	269914	4.912	ng/u1	100
74) Anthracene	17.486	178	260329	4.748	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	64280	4.977	ng/uL	100
76) Pentachlorobenzene	14.922	250	66355	5.071	ng/uL	95
78) Di-n-butylphthalate	18.322	149	244499	4.079	ng/u1	99
80) Fluoranthene	19.410	202	297362	4.902	ng/u1	99
82) Pyrene	19.774	202	333953	5.241	ng/u1	99
83) Butylbenzylphthalate	20.674	149	102803	3.899	ng/u1	99
85) Benzo(a)anthracene	21.521	228	316384	4.925	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	159507	4.278	ng/u1	99
87) Chrysene	21.580	228	307674	5.075	ng/u1	98
90) Benzo(b)fluoranthene	23.221	252	290408	4.613	ng/u1	98
91) Benzo(k)fluoranthene	23.274	252	300432	5.015	ng/u1	98
93) Benzo(a)pyrene	23.857	252	251276	4.644	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.492	276	309773	4.520	ng/u1	98
95) Dibenzo(a,h)anthracene	26.509	278	265375	4.749	ng/u1	95
96) Benzo(g,h,i)perylene	27.274	276	246545	4.546	ng/u1	99

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

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