

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020723\
 Data File : BP013779.D
 Acq On : 07 Feb 2023 15:50
 Operator : CG/JU
 Sample : SSTD00529
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005610

Quant Time: Feb 08 00:01:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 07 23:57:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
 Supervised By :Jagrut Upadhyay 02/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	143015	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	636600	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	457136	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1108150	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1311306	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1372907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	6529	1.936	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	7.652	132	40820	4.430	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.293	128	17618	4.338	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	19571	4.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	45343	4.097	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.163	166	170630	4.735	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	175586	4.410	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.751	176	148550	4.783	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.610	188	246715	4.776	ng/u1	0.00
81) Pyrene-d10	19.827	212	363753	4.974	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	310522	4.431	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	7555m	2.149	ng/uL	
12) 2-Chlorophenol	7.681	128	43286	4.637	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.934	70	36858	4.710	ng/u1	95
19) Hexachloroethane	9.222	117	18980	5.194	ng/u1	96
22) Nitrobenzene	9.340	77	49024	4.469	ng/u1	97
23) Isophorone	9.869	82	108364	4.315	ng/u1	99
25) 2-Nitrophenol	10.057	139	21354	4.078	ng/u1	99
26) 2,4-Dimethylphenol	10.110	107	56095	4.741	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.346	93	67357	4.426	ng/u1	96
29) 2,4-Dichlorophenol	10.593	162	45843	4.280	ng/u1	95
30) Naphthalene	11.004	128	163717	4.866	ng/u1	99
33) Hexachlorobutadiene	11.287	225	35268	4.669	ng/u1	99
35) 4-Chloro-3-methylphenol	12.216	107	50767	4.425	ng/u1	96
36) 2-Methylnaphthalene	12.598	142	112443	4.695	ng/u1	97
37) 1-Methylnaphthalene	12.816	142	117789	4.870	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.957	216	67253	4.454	ng/u1	96
41) 2,4,6-Trichlorophenol	13.198	196	41020	4.101	ng/u1	92
42) 2,4,5-Trichlorophenol	13.269	196	42996	3.944	ng/u1	99
43) 1,1'-Biphenyl	13.593	154	165913	4.794	ng/u1	99
44) 2-Chloronaphthalene	13.640	162	129452	4.728	ng/u1	99
45) 2-Nitroaniline	13.840	65	23472	4.503	ng/u1	95
47) Dimethylphthalate	14.204	163	171091	4.819	ng/u1	99
48) 2,6-Dinitrotoluene	14.328	165	22192	4.386	ng/u1	93
50) Acenaphthylene	14.487	152	199314	4.748	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.822	153	143972	4.990	ng/u1	96
56) Dibenzofuran	15.157	168	212041	5.060	ng/u1	100
57) 2,4-Dinitrotoluene	15.110	165	33860	4.261	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	42743	4.172	ng/u1#	95
59) Diethylphthalate	15.563	149	170316	4.997	ng/u1	98
61) Fluorene	15.804	166	176207	5.167	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.792	204	89544	4.819	ng/u1	97
67) N-Nitrosodiphenylamine	16.010	169	144576	4.834	ng/u1	98
68) 4-Bromophenyl-phenylether	16.692	248	53393	4.235	ng/u1	95
69) Hexachlorobenzene	16.810	284	65223	4.410	ng/u1	92
72) Phenanthrene	17.557	178	291554	4.981	ng/u1	99
74) Anthracene	17.645	178	291784	4.922	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	68981	4.369	ng/uL	97
76) Pentachlorobenzene	15.075	250	72451	4.476	ng/uL	99
78) Di-n-butylphthalate	18.445	149	297421	4.894	ng/u1	100
80) Fluoranthene	19.504	202	422797	4.960	ng/u1	99
82) Pyrene	19.857	202	459980	5.278	ng/u1	99
83) Butylbenzylphthalate	20.710	149	122849	4.906	ng/u1	100
85) Benzo(a)anthracene	21.569	228	427117	4.738	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	193939	4.517	ng/u1	99
87) Chrysene	21.627	228	422900	4.983	ng/u1	97
90) Benzo(b)fluoranthene	23.363	252	422056	4.709	ng/u1	99
91) Benzo(k)fluoranthene	23.410	252	421986	4.927	ng/u1	97
93) Benzo(a)pyrene	24.033	252	363802	4.702	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.851	276	438937	4.579	ng/u1	98
95) Dibenzo(a,h)anthracene	26.868	278	365542	4.600	ng/u1	99
96) Benzo(g,h,i)perylene	27.680	276	351819	4.639	ng/u1	97

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

