

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050124\
 Data File : BP020132.D
 Acq On : 01 May 2024 13:22
 Operator : MA/JU
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005630

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: May 01 16:52:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 16:39:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	97476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	408888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	285716	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	579183	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	494898	20.000	ng/u1	0.00
88) Perylene-d12	25.021	264	559614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	4721	2.071	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	7.169	132	28599	4.916	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.787	128	14037	4.532	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	15472	4.488	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	27652	4.283	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.728	166	101176	4.922	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	109825	4.794	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.334	176	84516	4.825	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.257	188	117281	4.605	ng/u1	0.01
81) Pyrene-d10	19.657	212	130640	4.820	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.798	264	126940	4.665	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	5530	2.177	ng/uL	99
12) 2-Chlorophenol	7.199	128	30205	4.973	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	29385	5.076	ng/u1	96
19) Hexachloroethane	8.681	117	13537	4.686	ng/u1	99
22) Nitrobenzene	8.834	77	40328	4.445	ng/u1	98
23) Isophorone	9.352	82	80567	4.856	ng/u1	100
25) 2-Nitrophenol	9.540	139	15553	4.295	ng/u1	96
26) 2,4-Dimethylphenol	9.605	107	38467	5.001	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	44436	4.705	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	27178	4.267	ng/u1	99
30) Naphthalene	10.452	128	103786	4.949	ng/u1	98
33) Hexachlorobutadiene	10.716	225	24220	4.675	ng/u1	95
35) 4-Chloro-3-methylphenol	11.734	107	34592	4.591	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	71749	5.048	ng/u1	95
37) 1-Methylnaphthalene	12.304	142	72900	5.071	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	42900	4.603	ng/u1	98
41) 2,4,6-Trichlorophenol	12.728	196	25699	4.456	ng/u1	99
42) 2,4,5-Trichlorophenol	12.810	196	28213m	4.600	ng/u1	
43) 1,1'-Biphenyl	13.122	154	99361	4.966	ng/u1	95
44) 2-Chloronaphthalene	13.163	162	78518	4.882	ng/u1	99
45) 2-Nitroaniline	13.410	65	20915	3.782	ng/u1	96
47) Dimethylphthalate	13.775	163	99090	4.744	ng/u1	98
48) 2,6-Dinitrotoluene	13.910	165	17912	4.262	ng/u1	95
50) Acenaphthylene	14.028	152	124752	4.840	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.381	153	85955	5.042	ng/ul	98
56) Dibenzofuran	14.728	168	116531	4.886	ng/ul	97
57) 2,4-Dinitrotoluene	14.728	165	24600	3.996	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.969	232	24216	4.277	ng/ul#	99
59) Diethylphthalate	15.181	149	98175	4.663	ng/ul	96
61) Fluorene	15.393	166	95249	4.783	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.393	204	50350	4.652	ng/ul	100
67) N-Nitrosodiphenylamine	15.622	169	78806	5.138	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	30355	4.832	ng/ul	94
69) Hexachlorobenzene	16.416	284	35655	5.632	ng/ul	98
72) Phenanthrene	17.192	178	144144	4.905	ng/ul	98
74) Anthracene	17.292	178	144286	4.763	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	42781	5.035	ng/uL	95
76) Pentachlorobenzene	14.634	250	44069	5.249	ng/uL	96
78) Di-n-butylphthalate	18.186	149	139277	4.230	ng/ul	99
80) Fluoranthene	19.304	202	153177	4.867	ng/ul#	96
82) Pyrene	19.692	202	163389	4.951	ng/ul	99
83) Butylbenzylphthalate	20.663	149	59046	4.549	ng/ul	97
85) Benzo(a)anthracene	21.627	228	161161	4.762	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.575	149	89593	4.729	ng/ul	100
87) Chrysene	21.692	228	150741	4.787	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	152248	4.584	ng/ul	98
91) Benzo(k)fluoranthene	24.027	252	163253	4.895	ng/ul	99
93) Benzo(a)pyrene	24.868	252	148851	4.683	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.862	276	192452m	5.043	ng/ul	
95) Dibenzo(a,h)anthracene	28.956	278	162095m	5.158	ng/ul	
96) Benzo(g,h,i)perylene	30.033	276	157919m	5.155	ng/ul	

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

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