

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
 Data File : BP023321.D
 Acq On : 26 Nov 2024 12:14
 Operator : RC/JU
 Sample : SSTD00555
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005635

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 23:41:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 26 23:16:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	86411	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	325839	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	260257	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	637059	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	715706	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	812912	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	5387	2.997	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	7.110	132	24928	5.328	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.716	128	12211	5.383	ng/u1	0.01
24) 2-Nitrophenol-d4	9.428	143	13133m	4.856	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.975	165	29455m	5.201	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.581	166	108723	5.796	ng/u1	0.01
49) Acenaphthylene-d8	13.863	160	109570	5.598	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.186	176	93552	5.689	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.080	188	155866	5.778	ng/u1	0.00
81) Pyrene-d10	19.469	212	199315	6.046	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	222251	5.740	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	5716	2.752	ng/uL	91
12) 2-Chlorophenol	7.146	128	26859	5.529	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.357	70	24956	5.658	ng/u1#	98
19) Hexachloroethane	8.599	117	13503	5.748	ng/u1	98
22) Nitrobenzene	8.751	77	37424	5.750	ng/u1	95
23) Isophorone	9.257	82	66882	5.747	ng/u1	98
25) 2-Nitrophenol	9.457	139	14397	5.044	ng/u1	99
26) 2,4-Dimethylphenol	9.522	107	35280	5.724	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.746	93	39522	6.172	ng/u1	99
29) 2,4-Dichlorophenol	10.016	162	29500m	5.259	ng/u1	
30) Naphthalene	10.357	128	92699	5.856	ng/u1	99
33) Hexachlorobutadiene	10.622	225	28316	5.579	ng/u1	99
35) 4-Chloro-3-methylphenol	11.645	107	32149m	5.327	ng/u1	
36) 2-Methylnaphthalene	11.969	142	68085	5.697	ng/u1	99
37) 1-Methylnaphthalene	12.192	142	69447	5.684	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.351	216	51252	5.833	ng/u1	100
41) 2,4,6-Trichlorophenol	12.610	196	27530m	5.146	ng/u1	
42) 2,4,5-Trichlorophenol	12.716	196	30828m	5.345	ng/u1	
43) 1,1'-Biphenyl	12.992	154	99543	5.969	ng/u1	98
44) 2-Chloronaphthalene	13.039	162	79187	5.809	ng/u1	97
45) 2-Nitroaniline	13.287	65	20212m	5.280	ng/u1	
47) Dimethylphthalate	13.628	163	106911	5.779	ng/u1	99
48) 2,6-Dinitrotoluene	13.775	165	17969	4.994	ng/u1	90
50) Acenaphthylene	13.892	152	112736	5.698	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.234	153	86285	6.007	ng/ul	98
56) Dibenzofuran	14.581	168	129458	5.834	ng/ul	100
57) 2,4-Dinitrotoluene	14.581	165	30022	5.235	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.839	232	29991	5.319	ng/ul	93
59) Diethylphthalate	15.010	149	104451	5.709	ng/ul	99
61) Fluorene	15.239	166	105573	5.812	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.233	204	61641	5.764	ng/ul	97
67) N-Nitrosodiphenylamine	15.463	169	88295	5.998	ng/ul	99
68) 4-Bromophenyl-phenylether	16.151	248	40852	5.663	ng/ul	95
69) Hexachlorobenzene	16.269	284	51207	5.639	ng/ul	95
72) Phenanthrene	17.016	178	180889	6.014	ng/ul	100
74) Anthracene	17.116	178	179243	5.927	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	51138	6.080	ng/uL	96
76) Pentachlorobenzene	14.504	250	55413	5.770	ng/uL	97
78) Di-n-butylphthalate	17.986	149	166236	5.678	ng/ul	99
80) Fluoranthene	19.127	202	226805	5.972	ng/ul	100
82) Pyrene	19.504	202	244771	5.999	ng/ul	100
83) Butylbenzylphthalate	20.445	149	77545	5.773	ng/ul	98
85) Benzo(a)anthracene	21.392	228	260566	5.962	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	107074	5.609	ng/ul#	98
87) Chrysene	21.457	228	254435	6.187	ng/ul	100
90) Benzo(b)fluoranthene	23.604	252	266584	5.892	ng/ul	99
91) Benzo(k)fluoranthene	23.674	252	267565	6.007	ng/ul	98
93) Benzo(a)pyrene	24.457	252	242257	5.923	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.233	276	305494m	5.361	ng/ul	
95) Dibenzo(a,h)anthracene	28.303	278	248569m	5.372	ng/ul	
96) Benzo(g,h,i)perylene	29.392	276	238469m	5.509	ng/ul	

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

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