

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018028.D
 Acq On : 10 Nov 2023 16:37
 Operator : MA/JU
 Sample : SSTD00552
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005617

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 21:37:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:21:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	54848	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	229099	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	152734	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	345960	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	330072	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	364833	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	3603	2.317	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	7.375	132	23060	5.499	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.057	128	11384	5.515	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	12135m	5.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	22998	5.518	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.945	166	81056	5.752	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	86094	5.609	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.528	176	65173	5.602	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.410	188	108049	5.775	ng/u1	0.00
81) Pyrene-d10	19.663	212	122214	5.543	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	117222	5.526	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	4097	2.415	ng/uL	90
12) 2-Chlorophenol	7.410	128	23179	5.505	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.669	70	20194	5.363	ng/u1	96
19) Hexachloroethane	8.904	117	11451	5.685	ng/u1	96
22) Nitrobenzene	9.104	77	30920	5.548	ng/u1	95
23) Isophorone	9.610	82	56391	5.545	ng/u1	98
25) 2-Nitrophenol	9.804	139	12746	5.304	ng/u1	96
26) 2,4-Dimethylphenol	9.851	107	29110	5.695	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.104	93	30783	5.551	ng/u1#	96
29) 2,4-Dichlorophenol	10.340	162	21180	5.322	ng/u1	97
30) Naphthalene	10.722	128	81048	5.817	ng/u1	100
33) Hexachlorobutadiene	10.940	225	16972	5.809	ng/u1	95
35) 4-Chloro-3-methylphenol	11.993	107	25363m	5.357	ng/u1	
36) 2-Methylnaphthalene	12.340	142	54198	5.666	ng/u1	98
37) 1-Methylnaphthalene	12.557	142	56854	5.784	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	29480	5.714	ng/u1	98
41) 2,4,6-Trichlorophenol	12.963	196	18074	5.340	ng/u1	96
42) 2,4,5-Trichlorophenol	13.045	196	19051m	5.431	ng/u1	
43) 1,1'-Biphenyl	13.357	154	74357	5.725	ng/u1	100
44) 2-Chloronaphthalene	13.404	162	59013	5.723	ng/u1	98
45) 2-Nitroaniline	13.663	65	16193	4.867	ng/u1	92
47) Dimethylphthalate	13.998	163	78496	5.678	ng/u1	99
48) 2,6-Dinitrotoluene	14.151	165	14501	5.278	ng/u1	93
50) Acenaphthylene	14.257	152	96932	5.593	ng/u1	99

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52) Acenaphthene	14.592	153	65831	5.729	ng/ul	99
56) Dibenzofuran	14.934	168	90288	5.734	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	21064	5.131	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	17101	5.397	ng/ul	96
59) Diethylphthalate	15.351	149	83037	5.749	ng/ul	99
61) Fluorene	15.586	166	76803	5.745	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.581	204	37448	5.716	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	62621	5.644	ng/ul	94
68) 4-Bromophenyl-phenylether	16.486	248	22022	5.648	ng/ul	92
69) Hexachlorobenzene	16.563	284	24711	5.679	ng/ul	98
72) Phenanthrene	17.351	178	119991	5.649	ng/ul	97
74) Anthracene	17.445	178	124127	5.726	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	30387	5.752	ng/uL	98
76) Pentachlorobenzene	14.822	250	29942	5.789	ng/uL	94
78) Di-n-butylphthalate	18.245	149	132387	5.543	ng/ul	98
80) Fluoranthene	19.333	202	145835	5.664	ng/ul	99
82) Pyrene	19.692	202	153127	5.675	ng/ul	99
83) Butylbenzylphthalate	20.557	149	60793	5.358	ng/ul	95
85) Benzo(a)anthracene	21.421	228	151082	5.669	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	84885	5.426	ng/ul	99
87) Chrysene	21.474	228	145790	5.847	ng/ul	98
90) Benzo(b)fluoranthene	23.163	252	142627	5.493	ng/ul	96
91) Benzo(k)fluoranthene	23.215	252	148185	5.673	ng/ul	99
93) Benzo(a)pyrene	23.827	252	134819	5.498	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.609	276	164569	5.596	ng/ul	98
95) Dibenzo(a,h)anthracene	26.627	278	134781	5.566	ng/ul	100
96) Benzo(g,h,i)perylene	27.433	276	132636	5.639	ng/ul	93

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

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