

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071223\
 Data File : BP016192.D
 Acq On : 12 Jul 2023 09:04
 Operator : MA/JU
 Sample : SST000595
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0005646

Quant Time: Jul 13 02:16:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 01:50:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	107533	20.000	ng/ul	0.02
20) Naphthalene-d8	10.804	136	521251	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.628	164	356065	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.392	188	837954	20.000	ng/ul	0.01
79) Chrysene-d12	21.486	240	901382	20.000	ng/ul	0.01
88) Perylene-d12	23.992	264	1100415	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	6220	2.047	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.558	132	26363	3.760	ng/ul	0.07
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.228	128	12789m	3.586	ng/ul	0.07
24) 2-Nitrophenol-d4	9.975	143	15880m	3.919	ng/ul	0.09
28) 2,4-Dichlorophenol-d3	10.575	165	25342m	3.591	ng/ul	0.12
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.057	166	124062	4.568	ng/ul	0.02
49) Acenaphthylene-d8	14.328	160	129694	4.357	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.639	176	111503	4.905	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.516	188	168434	4.595	ng/ul	0.03
81) Pyrene-d10	19.745	212	209210	4.473	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.827	264	228635m	4.375	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	6315m	1.969	ng/uL	
12) 2-Chlorophenol	7.593	128	30308	4.166	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.828	70	26539m	3.843	ng/ul	
19) Hexachloroethane	9.028	117	15985	4.820	ng/ul	97
22) Nitrobenzene	9.281	77	40290m	3.949	ng/ul	
23) Isophorone	9.752	82	86688m	4.246	ng/ul	
25) 2-Nitrophenol	10.016	139	16132m	3.694	ng/ul	
26) 2,4-Dimethylphenol	10.069	107	41100m	4.290	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.310	93	49884m	4.230	ng/ul	
29) 2,4-Dichlorophenol	10.599	162	27959m	3.849	ng/ul	
30) Naphthalene	10.857	128	130811	4.782	ng/ul	97
33) Hexachlorobutadiene	11.098	225	24321m	4.930	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	36558m	4.116	ng/ul	
36) 2-Methylnaphthalene	12.498	142	84775	4.622	ng/ul	97
37) 1-Methylnaphthalene	12.698	142	86620	4.592	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	46841	4.619	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	25857m	4.046	ng/ul	
42) 2,4,5-Trichlorophenol	13.269	196	26418m	4.042	ng/ul	
43) 1,1'-Biphenyl	13.481	154	120144	4.626	ng/ul	96
44) 2-Chloronaphthalene	13.540	162	94205	4.616	ng/ul	97
45) 2-Nitroaniline	13.834	65	23005m	3.476	ng/ul	
47) Dimethylphthalate	14.110	163	129258	4.712	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	19712m	3.832	ng/ul	

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50) Acenaphthylene	14.357	152	155093	4.537	ng/ul	99
52) Acenaphthene	14.698	153	114194	4.939	ng/ul	96
56) Dibenzofuran	15.063	168	152349	4.837	ng/ul	97
57) 2,4-Dinitrotoluene	15.122	165	26696m	3.530	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.322	232	25760	4.167	ng/ul	96
59) Diethylphthalate	15.451	149	134518	4.715	ng/ul	100
61) Fluorene	15.698	166	129837	4.935	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	61599	4.841	ng/ul	98
67) N-Nitrosodiphenylamine	15.916	169	99727	4.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	35651	4.477	ng/ul	97
69) Hexachlorobenzene	16.704	284	46201	4.818	ng/ul	96
72) Phenanthrene	17.445	178	210512	4.822	ng/ul	100
74) Anthracene	17.563	178	202477	4.615	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.457	216	49140m	4.483	ng/uL	
76) Pentachlorobenzene	14.975	250	48645	4.685	ng/uL	95
78) Di-n-butylphthalate	18.339	149	213270	4.256	ng/ul	99
80) Fluoranthene	19.427	202	248743	4.548	ng/ul	98
82) Pyrene	19.780	202	272755	4.671	ng/ul	100
83) Butylbenzylphthalate	20.604	149	97381	3.867	ng/ul	97
85) Benzo(a)anthracene	21.474	228	262686	4.475	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	149610	3.977	ng/ul	97
87) Chrysene	21.533	228	299468	5.036	ng/ul	98
90) Benzo(b)fluoranthene	23.227	252	280072	4.456	ng/ul	96
91) Benzo(k)fluoranthene	23.280	252	287969	4.502	ng/ul	99
93) Benzo(a)pyrene	23.880	252	287877m	4.749	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.680	276	349409m	4.573	ng/ul	
95) Dibenzo(a,h)anthracene	26.686	278	290182m	4.726	ng/ul	
96) Benzo(g,h,i)perylene	27.509	276	280815m	4.658	ng/ul	

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

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