

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030221\
 Data File : BP004880.D
 Acq On : 02 Mar 2021 11:51
 Operator : CG/JU
 Sample : SST04076
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST04076

Manual Integrations
 APPROVED

mohammad
 3/2/2021 3:22:10 PM

Quant Time: Mar 02 12:20:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 02 11:50:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	33046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.534	136	136704	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.392	164	89973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.151	188	199429	20.00	ng/ul	0.00
78) Chrysene-d12	21.239	240	209721	20.00	ng/ul	0.00
86) Perylene-d12	23.539	264	204636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	12405	14.51	ng/uL	0.00
5) Phenol-d5	6.922	99	106961	40.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.081	67	54928	39.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.281	132	84662	42.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.457	113	85768	41.10	ng/ul	0.00
19) Nitrobenzene-d5	8.905	128	41396	43.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.622	143	46467	44.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.163	165	87558	42.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.675	131	106359	45.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.810	166	259370	39.71	ng/ul	0.00
47) Acenaphthylene-d8	14.087	160	325706	40.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.616	143	48717	42.68	ng/ul	0.01
58) Fluorene-d10	15.392	176	223159	39.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.516	200	50891	42.22	ng/ul	0.00
71) Anthracene-d10	17.251	188	351576	39.98	ng/ul	0.00
79) Pyrene-d10	19.492	212	400835	40.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.392	264	416779	40.26	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	13522	15.81	ng/uL	94
4) Benzaldehyde	6.887	77	64717	46.57	ng/ul	93
6) Phenol	6.946	94	113631	41.09	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.169	93	83118	40.74	ng/ul	96
10) 2-Chlorophenol	7.311	128	87658	41.44	ng/ul	95
11) 2-Methylphenol	8.193	108	85251	41.44	ng/ul	92
12) 2,2'-oxybis(1-Chloropr...	8.281	45	52763m	33.22	ng/ul	
14) Acetophenone	8.569	105	140492	40.93	ng/ul	99
15) N-Nitroso-di-n-propyla...	8.557	70	71783	44.15	ng/ul	97
16) 4-Methylphenol	8.522	108	92489	41.71	ng/ul	99
17) Hexachloroethane	8.816	117	39097	42.18	ng/ul	96
20) Nitrobenzene	8.946	77	107967	41.10	ng/ul#	90
21) Isophorone	9.469	82	189957	42.52	ng/ul	96
23) 2-Nitrophenol	9.652	139	49899	43.79	ng/ul	97
24) 2,4-Dimethylphenol	9.722	107	112951	41.00	ng/ul	99
25) Bis(2-Chloroethoxy)met...	9.952	93	109768	40.28	ng/ul	96
27) 2,4-Dichlorophenol	10.187	162	89222	42.65	ng/ul	97
28) Naphthalene	10.587	128	285651	40.59	ng/ul	98
30) 4-Chloroaniline	10.699	127	108223	45.26	ng/ul	97
31) Hexachlorobutadiene	10.869	225	60905	38.67	ng/ul	99
32) Caprolactam	11.487	113	28825m	42.67	ng/ul	
33) 4-Chloro-3-methylphenol	11.840	107	100545	41.32	ng/ul	94
34) 2-Methylnaphthalene	12.204	142	203539	40.12	ng/ul	98
35) 1-Methylnaphthalene	12.422	142	198634	40.38	ng/ul	98
37) 1,2,4,5-Tetrachloroben...	12.575	216	113942	38.68	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.551	237	72836	38.05	ng/ul	99
39) 2,4,6-Trichlorophenol	12.822	196	74637	44.03	ng/ul	97
40) 2,4,5-Trichlorophenol	12.893	196	79663	42.75	ng/ul	95
41) 1,1'-Biphenyl	13.222	154	266231	40.14	ng/ul	99
42) 2-Chloronaphthalene	13.263	162	206760	39.62	ng/ul	99
43) 2-Nitroaniline	13.475	65	64763	45.67	ng/ul	99
45) Dimethylphthalate	13.857	163	265330	39.40	ng/ul	100
46) 2,6-Dinitrotoluene	13.975	165	56771	44.44	ng/ul	97
48) Acenaphthylene	14.116	152	311703	41.51	ng/ul	100
49) 3-Nitroaniline	14.310	138	52287	45.97	ng/ul	95
50) Acenaphthene	14.463	153	221528	39.77	ng/ul	99
51) 2,4-Dinitrophenol	14.510	184	35120	43.73	ng/ul	98
53) 4-Nitrophenol	14.628	109	51433	39.98	ng/ul	98
54) Dibenzofuran	14.798	168	315012	39.55	ng/ul	99
55) 2,4-Dinitrotoluene	14.769	165	80999	43.48	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.028	232	69800	41.65	ng/ul	95
57) Diethylphthalate	15.228	149	271426	40.16	ng/ul	99
59) Fluorene	15.451	166	265779	39.97	ng/ul	97
60) 4-Chlorophenyl-phenyle...	15.445	204	139466	38.78	ng/ul	96
61) 4-Nitroaniline	15.475	138	57255	42.83	ng/ul	98
64) 4,6-Dinitro-2-methylph...	15.534	198	51915	42.59	ng/ul#	95
65) N-Nitrosodiphenylamine	15.663	169	232211	40.80	ng/ul	99
66) 4-Bromophenyl-phenylether	16.345	248	81564	37.79	ng/ul	93
67) Hexachlorobenzene	16.457	284	93407	39.09	ng/ul	92
68) Atrazine	16.622	200	91151	39.82	ng/ul	98
69) Pentachlorophenol	16.804	266	59326	41.37	ng/ul	95
70) Phenanthrene	17.198	178	419241	39.46	ng/ul	99
72) Anthracene	17.286	178	432819	40.06	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.187	216	115040	39.07	ng/uL	96
74) Pentachlorobenzene	14.716	250	110686	38.42	ng/uL	96
75) Carbazole	17.563	167	379108	40.08	ng/ul	99
76) Di-n-butylphthalate	18.116	149	468843	43.97	ng/ul	99
77) Fluoranthene	19.169	202	500875	39.25	ng/ul	100
80) Pyrene	19.522	202	518318	40.69	ng/ul	99
81) Butylbenzylphthalate	20.398	149	211661	47.51	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.163	252	184284	44.22	ng/ul	98
83) Benzo(a)anthracene	21.227	228	509207	40.54	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.157	149	320930	47.20	ng/ul	99
85) Chrysene	21.280	228	496963	39.90	ng/ul	100
87) Di-n-octyl phthalate	22.045	149	536380	42.92	ng/ul	100
88) Benzo(b)fluoranthene	22.845	252	524492	40.72	ng/ul	99
89) Benzo(k)fluoranthene	22.892	252	498069	39.72	ng/ul	99
91) Benzo(a)pyrene	23.445	252	450170	39.72	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.898	276	567162	39.37	ng/ul	99
93) Dibenzo(a,h)anthracene	25.915	278	484458	39.56	ng/ul	97
94) Benzo(g,h,i)perylene	26.621	276	470653	39.49	ng/ul	98

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

