

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM082316\
 Data File : BM007245.D
 Acq On : 23 Aug 2016 10:47
 Operator : UM/SJ
 Sample : SSTD01057
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01057

Quant Time: Aug 23 12:07:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 12:03:44 2016
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	151950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.586	136	737362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.433	164	531315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.174	188	1448487	20.00	ng/ul	0.00
75) Chrysene-d12	21.356	240	2084981	20.00	ng/ul	0.00
83) Perylene-d12	23.633	264	2322523	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	12418	3.57	ng/uL	0.00
5) Phenol-d5	6.969	99	129067	10.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.134	67	74599	10.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.334	132	101151	10.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	112536	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	52187	9.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	60209	10.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	121483	10.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	159915	11.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.839	166	463480	10.56	ng/ul	0.00
46) Acenaphthylene-d8	14.127	160	529646	10.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.627	143	83998	10.67	ng/ul	0.00
57) Fluorene-d10	15.427	176	395978	10.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.545	200	78721	9.83	ng/ul	0.00
70) Anthracene-d10	17.274	188	679731	10.13	ng/ul	0.00
76) Pyrene-d10	19.568	212	856530	9.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.485	264	1072424	10.10	ng/ul	0.00
Target Compounds						
					Ovalue	
2) 1,4-Dioxane	3.346	88	14485	4.00	ng/uL#	87
4) Benzaldehyde	6.951	77	88312	11.93	ng/ul	100
6) Phenol	6.992	94	133808	10.32	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.228	93	102427	10.71	ng/ul	98
10) 2-Chlorophenol	7.369	128	102242	10.20	ng/ul	99
11) 2-Methylphenol	8.239	108	103324	10.60	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.334	45	117322	10.70	ng/ul	96
14) Acetophenone	8.622	105	185979	11.92	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.598	70	98759	12.17	ng/ul	96
16) 4-Methylphenol	8.563	108	119353	11.22	ng/ul	92
17) Hexachloroethane	8.875	117	41153	9.83	ng/ul	95
20) Nitrobenzene	8.998	77	135029	9.80	ng/ul	99
21) Isophorone	9.516	82	276235	10.70	ng/ul	100
23) 2-Nitrophenol	9.704	139	66595	10.64	ng/ul	96
24) 2,4-Dimethylphenol	9.763	107	148592	10.36	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.004	93	158451	10.22	ng/ul	98
27) 2,4-Dichlorophenol	10.233	162	120348	10.08	ng/ul	97
28) Naphthalene	10.639	128	362402	9.92	ng/ul	98
30) 4-Chloroaniline	10.745	127	166111	11.36	ng/ul	99
31) Hexachlorobutadiene	10.922	225	84235	9.54	ng/ul	98
32) Caprolactam	11.504	113	48514	12.00	ng/ul	92
33) 4-Chloro-3-methylphenol	11.874	107	150258	11.52	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 2-Methylnaphthalene	12.251	142	294124	10.45	ng/ul	98
36) 1,2,4,5-Tetrachloroben...	12.616	216	175592	9.34	ng/ul	96
37) Hexachlorocyclopentadiene	12.598	237	94139	7.87	ng/ul	96
38) 2,4,6-Trichlorophenol	12.863	196	121506	10.08	ng/ul	100
39) 2,4,5-Trichlorophenol	12.933	196	130749	10.36	ng/ul	98
40) 1,1'-Biphenyl	13.263	154	410195	9.62	ng/ul	98
41) 2-Chloronaphthalene	13.304	162	320772	9.59	ng/ul	97
42) 2-Nitroaniline	13.510	65	100085	10.43	ng/ul	97
44) Dimethylphthalate	13.886	163	455964	10.39	ng/ul	98
45) 2,6-Dinitrotoluene	14.010	165	88665	10.40	ng/ul	93
47) Acenaphthylene	14.157	152	550313	10.14	ng/ul	99
48) 3-Nitroaniline	14.339	138	90927	10.78	ng/ul	94
49) Acenaphthene	14.498	153	354887	10.07	ng/ul	100
50) 2,4-Dinitrophenol	14.545	184	49951	9.88	ng/ul	91
52) 4-Nitrophenol	14.645	109	88487	11.07	ng/ul	95
53) Dibenzofuran	14.833	168	538099	10.29	ng/ul	100
54) 2,4-Dinitrotoluene	14.798	165	140116	11.14	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.057	232	132932	10.90	ng/ul	98
56) Diethylphthalate	15.257	149	477732	10.32	ng/ul	99
58) Fluorene	15.480	166	448392	10.63	ng/ul	99
59) 4-Chlorophenyl-phenyle...	15.474	204	234192	10.52	ng/ul	99
60) 4-Nitroaniline	15.498	138	107446	10.87	ng/ul	98
63) 4,6-Dinitro-2-methylph...	15.562	198	86463	9.93	ng/ul	98
64) N-Nitrosodiphenylamine	15.692	169	401892	9.80	ng/ul	99
65) 4-Bromophenyl-phenylether	16.368	248	160898	9.81	ng/ul	98
66) Hexachlorobenzene	16.486	284	182009	9.81	ng/ul	99
67) Atrazine	16.639	200	170314	10.31	ng/ul	98
68) Pentachlorophenol	16.827	266	109846	9.62	ng/ul	99
69) Phenanthrene	17.215	178	773825	9.93	ng/ul	99
71) Anthracene	17.309	178	814720	10.19	ng/ul	98
72) Carbazole	17.580	167	731109	10.61	ng/ul	99
73) Di-n-butylphthalate	18.139	149	886855	10.53	ng/ul	99
74) Fluoranthene	19.233	202	1043494	11.04	ng/ul	99
77) Pyrene	19.597	202	1130903	9.81	ng/ul	97
78) Butylbenzylphthalate	20.497	149	455970	10.18	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.280	252	417497	10.37	ng/ul	99
80) Benzo(a)anthracene	21.344	228	1241501	10.08	ng/ul	99
81) Bis(2-ethylhexyl)phtha...	21.274	149	688504	10.38	ng/ul	100
82) Chrysene	21.397	228	1133980	10.07	ng/ul	99
84) Di-n-octyl phthalate	22.162	149	1224205	10.22	ng/ul	100
85) Benzo(b)fluoranthene	22.944	252	1360449	9.72	ng/ul	100
86) Benzo(k)fluoranthene	22.991	252	1297157	9.87	ng/ul	100
88) Benzo(a)pyrene	23.533	252	1330305	10.03	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.926	276	1636011	10.06	ng/ul	98
90) Dibenzo(a,h)anthracene	25.932	278	1375060	10.08	ng/ul	98
91) Benzo(g,h,i)perylene	26.626	276	1376839	10.02	ng/ul	99

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

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