

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
 Data File : BP006954.D
 Acq On : 10 Sep 2021 22:35
 Operator : CG/JU
 Sample : M3651-08MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampled :
 DBKM3MS

Manual Integrations
 APPROVED

mohammad
 9/13/2021 10:22:26 AM

Quant Time: Sep 11 00:44:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 09 11:07:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	374046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1535288	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	925771	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	1883908	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.386	240	1820183	20.000	ng/ul	-0.01
88) Perylene-d12	23.816	264	1832861	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22137	2.355	ng/uL	0.01
4) Pyridine-d5	3.793	84	184141	7.518	ng/ul	0.01
7) Phenol-d5	7.093	99	241444	8.782	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	570067	36.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	620759	27.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	413040	19.132	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	366824	39.446	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	353760	38.640	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	703381	32.582	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	924824	30.978	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	2405043	40.111	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	2833404	37.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	107434	10.314	ng/ul	0.00
60) Fluorene-d10	15.551	176	2041174	38.572	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	358738	43.046	ng/ul	0.00
73) Anthracene-d10	17.404	188	3306876	42.399	ng/ul	-0.01
81) Pyrene-d10	19.633	212	3798928	44.565	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.663	264	3704135	41.892	ng/ul	-0.02
Target Compounds						
2) 1,4-Dioxane	3.405	88	51475	4.921	ng/uL	87
5) Pyridine	3.817	79	199283	8.111	ng/ul#	85
6) Benzaldehyde	7.075	77	645069	36.823	ng/ul	88
8) Phenol	7.116	94	267469	9.412	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.358	93	793506	34.877	ng/ul	99
12) 2-Chlorophenol	7.499	128	646937	28.413	ng/ul	93
13) 2-Methylphenol	8.369	108	484252	22.439	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	966771	36.788	ng/ul	97
16) Acetophenone	8.758	105	1202223	36.312	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.746	70	573009	37.146	ng/ul#	96
18) 4-Methylphenol	8.699	108	462836	19.996	ng/ul	97
19) Hexachloroethane	9.016	117	285535	30.795	ng/ul#	82
22) Nitrobenzene	9.134	77	867483	38.549	ng/ul	91
23) Isophorone	9.663	82	1615399	36.144	ng/ul	96
25) 2-Nitrophenol	9.846	139	401679	39.253	ng/ul#	85
26) 2,4-Dimethylphenol	9.904	107	649151	26.184	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.146	93	1048403	35.437	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	697125	32.607	ng/ul	94
30) Naphthalene	10.787	128	2453084	32.939	ng/ul	100
32) 4-Chloroaniline	10.893	127	938724	30.872	ng/ul	100
33) Hexachlorobutadiene	11.075	225	432609	29.332	ng/ul	97
34) Caprolactam	11.681	113	21552m	3.382	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	684091	31.548	ng/ul	92
36) 2-Methylnaphthalene	12.393	142	1769012	35.429	ng/ul	98

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37) 1-Methylnaphthalene	12.610	142	1699241	33.361	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	920119	34.710	ng/ul#	94
40) Hexachlorocyclopentadiene	12.740	237	389549	22.769	ng/ul	98
41) 2,4,6-Trichlorophenol	12.993	196	592308	38.603	ng/ul	100
42) 2,4,5-Trichlorophenol	13.057	196	646288	37.785	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	2288032	35.496	ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	1756675	35.348	ng/ul	92
45) 2-Nitroaniline	13.640	65	491925	48.702	ng/ul#	80
47) Dimethylphthalate	14.016	163	2377871	39.322	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	468982	46.436	ng/ul#	76
50) Acenaphthylene	14.281	152	2667853	33.859	ng/ul	99
51) 3-Nitroaniline	14.457	138	471635	40.738	ng/ul	85
52) Acenaphthene	14.622	153	1925653	36.908	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	206388	36.377	ng/ul#	71
55) 4-Nitrophenol	14.751	109	84065	10.979	ng/ul#	83
56) Dibenzofuran	14.957	168	2765283	36.729	ng/ul	87
57) 2,4-Dinitrotoluene	14.916	165	680633	47.159	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.181	232	566976	41.137	ng/ul#	78
59) Diethylphthalate	15.381	149	2441355	41.463	ng/ul	95
61) Fluorene	15.604	166	2314179	38.564	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	1140989	37.297	ng/ul#	81
63) 4-Nitroaniline	15.622	138	526235	45.528	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.681	198	366004	43.135	ng/ul#	76
67) N-Nitrosodiphenylamine	15.810	169	2040627	41.128	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	707800	39.740	ng/ul#	85
69) Hexachlorobenzene	16.610	284	807506	39.099	ng/ul#	87
70) Atrazine	16.769	200	749861	39.907	ng/ul	94
71) Pentachlorophenol	16.951	266	448365	37.902	ng/ul	97
72) Phenanthrene	17.351	178	3818306	40.687	ng/ul	99
74) Anthracene	17.439	178	3878899	41.583	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	960039	36.359	ng/uL	100
76) Pentachlorobenzene	14.875	250	914760	35.790	ng/uL	99
77) Carbazole	17.710	167	3535680	42.648	ng/ul	97
78) Di-n-butylphthalate	18.263	149	4132243	43.979	ng/ul	98
80) Fluoranthene	19.310	202	4527295	42.701	ng/ul	95
82) Pyrene	19.663	202	4636368	42.634	ng/ul	94
83) Butylbenzylphthalate	20.533	149	1799065	47.510	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.304	252	1476845	39.102	ng/ul#	99
85) Benzo(a)anthracene	21.374	228	4475976	42.236	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.298	149	2699889	47.827	ng/ul#	94
87) Chrysene	21.427	228	4340585	41.389	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	4627526	48.851	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	4608032	42.967	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	4579564	45.619	ng/ul	97
93) Benzo(a)pyrene	23.716	252	4146167	40.181	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.362	276	5303425	44.305	ng/ul	96
95) Dibenzo(a,h)anthracene	26.386	278	4456823	43.033	ng/ul	97
96) Benzo(g,h,i)perylene	27.151	276	4353254	42.404	ng/ul	96

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

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