

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
 Data File : BP006886.D
 Acq On : 08 Sep 2021 16:58
 Operator : CG/JU
 Sample : SST02017
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020617

Manual Integrations
 APPROVED

mohammad
 9/9/2021 11:52:43 AM

Quant Time: Sep 09 02:00:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 09 01:57:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	264663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1056827	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	658595	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1402743	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1459727	20.000	ng/ul	# 0.00
88) Perylene-d12	23.833	264	1565082	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	52268	6.680	ng/uL	0.00
4) Pyridine-d5	3.781	84	335293	14.906	ng/ul	0.00
7) Phenol-d5	7.093	99	371104	13.948	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	217741	13.316	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	306509	15.468	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	286795	13.493	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	121990	13.598	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	119825	12.765	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	288585	18.196	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	398404	15.455	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	837647	16.585	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1081631	17.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	133396	12.644	ng/ul	0.00
60) Fluorene-d10	15.557	176	739022	17.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	98400	10.613	ng/ul	0.00
73) Anthracene-d10	17.410	188	1155077	17.403	ng/ul	0.00
81) Pyrene-d10	19.645	212	1328782	17.334	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.674	264	1483829	17.581	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	56977	7.167	ng/uL	91
5) Pyridine	3.805	79	340425	14.619	ng/ul	91
6) Benzaldehyde	7.075	77	245019	18.730	ng/ul	91
8) Phenol	7.122	94	385177	14.175	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.363	93	310905	14.845	ng/ul	97
12) 2-Chlorophenol	7.499	128	313761	15.703	ng/ul	94
13) 2-Methylphenol	8.375	108	290254	14.518	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	365954	14.954	ng/ul	99
16) Acetophenone	8.763	105	462291	13.816	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.746	70	213187	11.845	ng/ul	98
18) 4-Methylphenol	8.704	108	313314	14.415	ng/ul	100
19) Hexachloroethane	9.022	117	126519	14.550	ng/ul#	80
22) Nitrobenzene	9.140	77	301924	12.855	ng/ul	91
23) Isophorone	9.669	82	599366	13.685	ng/ul#	94
25) 2-Nitrophenol	9.851	139	135625	13.699	ng/ul#	81
26) 2,4-Dimethylphenol	9.910	107	334919	15.747	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.151	93	395885	15.593	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	286064	18.592	ng/ul	94
30) Naphthalene	10.793	128	1002911	17.486	ng/ul	99
32) 4-Chloroaniline	10.899	127	412116	16.292	ng/ul	99
33) Hexachlorobutadiene	11.081	225	199069	21.944	ng/ul	98
34) Caprolactam	11.669	113	74370m	12.073	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	291545	14.813	ng/ul	91
36) 2-Methylnaphthalene	12.398	142	670062	17.001	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	684504	17.452	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.763	216	366796	20.666	ng/ul#	95
40) Hexachlorocyclopentadiene	12.745	237	223651	19.207	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	214555	17.602	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	238825	18.403	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	906633	17.708	ng/ul#	97
44) 2-Chloronaphthalene	13.445	162	700183	18.026	ng/ul	92
45) 2-Nitroaniline	13.645	65	137947m	9.848	ng/ul	
47) Dimethylphthalate	14.022	163	843644	16.888	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	136630	14.170	ng/ul#	78
50) Acenaphthylene	14.287	152	1127410	18.616	ng/ul	100
51) 3-Nitroaniline	14.463	138	145125	13.143	ng/ul#	86
52) Acenaphthene	14.628	153	727899	16.856	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	57383	9.201	ng/ul#	71
55) 4-Nitrophenol	14.757	109	101636	10.743	ng/ul#	86
56) Dibenzofuran	14.963	168	1062072	18.394	ng/ul#	86
57) 2,4-Dinitrotoluene	14.922	165	201105	14.177	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.187	232	190827	17.714	ng/ul#	76
59) Diethylphthalate	15.387	149	818965	15.423	ng/ul	95
61) Fluorene	15.610	166	848296	17.620	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	429196	19.693	ng/ul#	82
63) 4-Nitroaniline	15.622	138	148883	14.399	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.681	198	104876	11.315	ng/ul#	77
67) N-Nitrosodiphenylamine	15.816	169	728490	16.907	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	254997	18.432	ng/ul#	83
69) Hexachlorobenzene	16.616	284	297474	19.026	ng/ul#	87
70) Atrazine	16.775	200	262695	17.186	ng/ul	94
71) Pentachlorophenol	16.957	266	152886	14.929	ng/ul	98
72) Phenanthrene	17.357	178	1365966	17.237	ng/ul	99
74) Anthracene	17.445	178	1383436	17.192	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	382696	20.063	ng/uL	99
76) Pentachlorobenzene	14.881	250	369204	19.645	ng/uL	99
77) Carbazole	17.716	167	1227945	16.338	ng/ul	97
78) Di-n-butylphthalate	18.269	149	1364661	14.043	ng/ul	99
80) Fluoranthene	19.316	202	1649354	17.119	ng/ul	95
82) Pyrene	19.669	202	1696221	17.045	ng/ul	95
83) Butylbenzylphthalate	20.545	149	581112	11.812	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.310	252	574518	17.247	ng/ul	99
85) Benzo(a)anthracene	21.380	228	1681953	17.690	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	891646	11.761	ng/ul#	95
87) Chrysene	21.433	228	1646858	17.965	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1498824	11.079	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1821928	17.920	ng/ul	98
91) Benzo(k)fluoranthene	23.139	252	1652033	16.783	ng/ul	98
93) Benzo(a)pyrene	23.727	252	1742595	18.920	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.386	276	2040660	16.945	ng/ul	96
95) Dibenzo(a,h)anthracene	26.404	278	1766023	17.459	ng/ul	98
96) Benzo(g,h,i)perylene	27.168	276	1737154	17.374	ng/ul	96

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

