

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006384.D
 Acq On : 28 Jul 2021 11:48
 Operator : CG/JU
 Sample : PB137929BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS929

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:45:51 PM

Quant Time: Jul 28 12:37:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	337555	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1453999	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.410	164	850931	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	1642204	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1543769	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1459940	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	63567	7.029	ng/uL	0.00
4) Pyridine-d5	3.699	84	891746	33.217	ng/u1	0.00
7) Phenol-d5	6.958	99	1086004	34.256	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	684109	34.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	836348	35.509	ng/u1	-0.01
15) 4-Methylphenol-d8	8.493	113	851681	34.161	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	400615	37.003	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.658	143	414805	40.127	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	720426	35.564	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	1049728	31.477	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	2145120	35.420	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	2644258	35.538	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	427458	35.547	ng/u1	0.00
60) Fluorene-d10	15.410	176	1737006	34.117	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	329054	35.943	ng/u1	0.00
73) Anthracene-d10	17.269	188	2700346	36.426	ng/u1	0.00
81) Pyrene-d10	19.510	212	2970200	37.406	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	2663854	35.906	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	135359	14.177	ng/uL	98
5) Pyridine	3.717	79	960718	34.315	ng/u1	96
6) Benzaldehyde	6.934	77	732957	42.375	ng/u1	99
8) Phenol	6.987	94	1174290	36.237	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	911576	35.762	ng/u1	99
12) 2-Chlorophenol	7.352	128	899775	37.681	ng/u1	98
13) 2-Methylphenol	8.228	108	847983	35.859	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1055401	37.061	ng/u1	99
16) Acetophenone	8.611	105	1345332	35.091	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	741997	36.995	ng/u1	96
18) 4-Methylphenol	8.558	108	911610	35.900	ng/u1	98
19) Hexachloroethane	8.852	117	376195	38.515	ng/u1	99
22) Nitrobenzene	8.981	77	1087772	38.725	ng/u1	99
23) Isophorone	9.516	82	1961545	39.062	ng/u1	99
25) 2-Nitrophenol	9.687	139	469208	41.161	ng/u1	99
26) 2,4-Dimethylphenol	9.752	107	994877	36.800	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	1185833	36.773	ng/u1	99
29) 2,4-Dichlorophenol	10.216	162	753602	37.919	ng/u1	98
30) Naphthalene	10.616	128	2718737	36.039	ng/u1	100
32) 4-Chloroaniline	10.734	127	1068187	32.514	ng/u1	99
33) Hexachlorobutadiene	10.905	225	439922	36.284	ng/u1	99
34) Caprolactam	11.528	113	271430m	39.552	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	920066	38.780	ng/u1	98
36) 2-Methylnaphthalene	12.234	142	1860625	35.995	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.452	142	1817672	34.935	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.599	216	816536	35.607	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	466305	31.258	ng/ul	98
41) 2,4,6-Trichlorophenol	12.840	196	550844	38.766	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	603366	38.809	ng/ul	99
43) 1,1'-Biphenyl	13.246	154	2255898	35.366	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	1715077	35.612	ng/ul	99
45) 2-Nitroaniline	13.499	65	620893	43.643	ng/ul	97
47) Dimethylphthalate	13.881	163	2200260	37.012	ng/ul	100
48) 2,6-Dinitrotoluene	13.999	165	456142	41.972	ng/ul	96
50) Acenaphthylene	14.134	152	2640812	36.445	ng/ul	100
51) 3-Nitroaniline	14.322	138	498274	39.130	ng/ul	98
52) Acenaphthene	14.475	153	1898359	35.708	ng/ul	98
53) 2,4-Dinitrophenol	14.528	184	229002	35.528	ng/ul	98
55) 4-Nitrophenol	14.634	109	380556	39.125	ng/ul	95
56) Dibenzofuran	14.810	168	2521441	35.366	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	654981	42.173	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.040	232	484458	39.957	ng/ul	96
59) Diethylphthalate	15.251	149	2385906	38.749	ng/ul	99
61) Fluorene	15.463	166	2124258	36.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	975588	35.682	ng/ul	99
63) 4-Nitroaniline	15.493	138	562260	44.957	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	345253	38.578	ng/ul#	97
67) N-Nitrosodiphenylamine	15.681	169	1816051	37.225	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	575259	43.741	ng/ul	95
69) Hexachlorobenzene	16.463	284	658456	37.333	ng/ul	99
70) Atrazine	16.645	200	660652	39.132	ng/ul	99
71) Pentachlorophenol	16.810	266	431098	38.880	ng/ul	99
72) Phenanthrene	17.210	178	3281303	37.211	ng/ul	98
74) Anthracene	17.304	178	3335386	37.303	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	810845	36.021	ng/ul	99
76) Pentachlorobenzene	14.728	250	796426	36.292	ng/ul	99
77) Carbazole	17.575	167	3126167	38.221	ng/ul	99
78) Di-n-butylphthalate	18.139	149	4176199	42.722	ng/ul	99
80) Fluoranthene	19.181	202	3777054	38.604	ng/ul	98
82) Pyrene	19.534	202	3829052	37.715	ng/ul	97
83) Butylbenzylphthalate	20.428	149	1894233	45.471	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.192	252	1137821	33.451	ng/ul	100
85) Benzo(a)anthracene	21.251	228	3648128	38.136	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	2940873	45.090	ng/ul	98
87) Chrysene	21.304	228	3471613	37.861	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	4918137	48.340	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3632829	39.176	ng/ul	100
91) Benzo(k)fluoranthene	22.945	252	3473535	39.467	ng/ul	99
93) Benzo(a)pyrene	23.510	252	3115679	38.439	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.039	276	3481369	33.553	ng/ul	99
95) Dibenzo(a,h)anthracene	26.063	278	2951714	33.589	ng/ul	100
96) Benzo(g,h,i)perylene	26.786	276	2789382	32.538	ng/ul	99

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

