

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072621\
 Data File : BP006348.D
 Acq On : 26 Jul 2021 20:51
 Operator : CG/JU
 Sample : PB137859BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS859

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:05:57 PM

Quant Time: Jul 27 01:10:11 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	7.787	152	242591	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1083338	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	640758	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1248113	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1191128	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	1209261	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	42782	6.583	ng/uL	0.00
4) Pyridine-d5	3.699	84	649608	33.670	ng/u1	0.00
7) Phenol-d5	6.958	99	838109	36.785	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	519835	36.669	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	633532	37.427	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	665608	37.149	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	312795	38.777	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	313664	40.724	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	568584	37.672	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	870422	35.030	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1780397	39.040	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	2201686	39.296	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	367901	40.629	ng/u1	0.00
60) Fluorene-d10	15.410	176	1468902	38.315	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	269601	38.747	ng/u1	0.00
73) Anthracene-d10	17.263	188	2250095	39.937	ng/u1	0.00
81) Pyrene-d10	19.504	212	2505102	40.889	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	2435673	39.636	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	88852	12.949	ng/uL	96
5) Pyridine	3.717	79	661827	32.893	ng/u1	98
6) Benzaldehyde	6.934	77	508573	40.912	ng/u1	97
8) Phenol	6.987	94	852850	36.620	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	651728	35.576	ng/u1	98
12) 2-Chlorophenol	7.352	128	640309	37.312	ng/u1	98
13) 2-Methylphenol	8.228	108	615947	36.243	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	758440m	37.059	ng/u1	
16) Acetophenone	8.610	105	1007530	36.568	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.605	70	564083	39.134	ng/u1	97
18) 4-Methylphenol	8.557	108	678720	37.192	ng/u1	99
19) Hexachloroethane	8.857	117	259898	37.024	ng/u1	99
22) Nitrobenzene	8.987	77	813251	38.858	ng/u1	99
23) Isophorone	9.516	82	1489900	39.821	ng/u1	99
25) 2-Nitrophenol	9.693	139	336573	39.627	ng/u1	97
26) 2,4-Dimethylphenol	9.757	107	720884	35.789	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.999	93	901104	37.504	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	559160	37.761	ng/u1	99
30) Naphthalene	10.622	128	2023473	36.000	ng/u1	100
32) 4-Chloroaniline	10.740	127	835845	34.147	ng/u1	99
33) Hexachlorobutadiene	10.910	225	319723	35.392	ng/u1	99
34) Caprolactam	11.522	113	213992m	41.852	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	715695	40.487	ng/u1	98
36) 2-Methylnaphthalene	12.234	142	1425470	37.012	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	1395570	35.999	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	621654	36.001	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	347920	30.973	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	421857	39.426	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	462510	39.507	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	1771327	36.878	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	1325432	36.548	ng/ul	98
45) 2-Nitroaniline	13.498	65	475872	44.421	ng/ul	98
47) Dimethylphthalate	13.887	163	1749013	39.072	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	350398	42.817	ng/ul	95
50) Acenaphthylene	14.134	152	2074407	38.019	ng/ul	100
51) 3-Nitroaniline	14.322	138	377267	39.345	ng/ul	96
52) Acenaphthene	14.481	153	1505660	37.611	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	183547	37.817	ng/ul	97
55) 4-Nitrophenol	14.634	109	318002	43.418	ng/ul	95
56) Dibenzofuran	14.816	168	2010098	37.441	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	508856	43.512	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.039	232	372215	40.770	ng/ul	97
59) Diethylphthalate	15.257	149	1881582	40.582	ng/ul	100
61) Fluorene	15.463	166	1682500	38.099	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	766520	37.231	ng/ul	99
63) 4-Nitroaniline	15.492	138	411974	43.745	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.545	198	267170	39.279	ng/ul#	96
67) N-Nitrosodiphenylamine	15.681	169	1444931	38.970	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	449824	45.003	ng/ul	97
69) Hexachlorobenzene	16.463	284	519515	38.755	ng/ul	97
70) Atrazine	16.645	200	516757	40.273	ng/ul	99
71) Pentachlorophenol	16.810	266	329339	39.081	ng/ul	99
72) Phenanthrene	17.210	178	2626052	39.183	ng/ul	99
74) Anthracene	17.298	178	2647806	38.964	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	625874	36.583	ng/ul	99
76) Pentachlorobenzene	14.728	250	621019	37.235	ng/ul	98
77) Carbazole	17.575	167	2483136	39.945	ng/ul	99
78) Di-n-butylphthalate	18.139	149	3231563	43.496	ng/ul	99
80) Fluoranthene	19.180	202	2977988	39.448	ng/ul	99
82) Pyrene	19.533	202	3051879	38.959	ng/ul	98
83) Butylbenzylphthalate	20.427	149	1437118	44.712	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.186	252	997385	38.003	ng/ul	99
85) Benzo(a)anthracene	21.251	228	2905678	39.368	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	2241334	44.538	ng/ul	99
87) Chrysene	21.298	228	2803527	39.627	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	3733392	44.302	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3106829	40.449	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	2855105	39.165	ng/ul	99
93) Benzo(a)pyrene	23.504	252	2694070	40.127	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.039	276	3400667	39.570	ng/ul	97
95) Dibenzo(a,h)anthracene	26.062	278	2879456	39.559	ng/ul	99
96) Benzo(g,h,i)perylene	26.780	276	2819393	39.706	ng/ul	97

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

