

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
 Data File : BP006607.D
 Acq On : 09 Aug 2021 10:52
 Operator : CG/JU
 Sample : PB138195BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS195

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:23:36 PM

Quant Time: Aug 09 11:25:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 07 13:59:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	142822	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	647239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	374628	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	748167	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	725683	20.000	ng/u1	0.00
88) Perylene-d12	23.563	264	766774	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	27840	7.276	ng/uL	0.00
4) Pyridine-d5	3.675	84	413308	36.387	ng/u1	0.00
7) Phenol-d5	6.934	99	506945	37.793	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	312604	37.455	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	394046	39.541	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	400123	37.932	ng/u1	0.00
21) Nitrobenzene-d5	8.910	128	198112	41.108	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	209287	45.481	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	346644	38.442	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	510289	34.374	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	1056916	39.640	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	1334476	40.737	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	214801	40.573	ng/u1	0.01
60) Fluorene-d10	15.381	176	875422	39.056	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	159718	38.294	ng/u1	0.01
73) Anthracene-d10	17.233	188	1356384	40.161	ng/u1	0.00
81) Pyrene-d10	19.480	212	1503734	40.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.416	264	1528789	39.235	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	59357	14.694	ng/uL	97
5) Pyridine	3.693	79	427041	36.050	ng/u1	96
6) Benzaldehyde	6.905	77	334014	45.640	ng/u1	95
8) Phenol	6.958	94	530615	38.699	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.187	93	407761	37.808	ng/u1	97
12) 2-Chlorophenol	7.316	128	406362	40.221	ng/u1	98
13) 2-Methylphenol	8.199	108	392153	39.194	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	480664	39.892	ng/u1	99
16) Acetophenone	8.575	105	636758	39.255	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.563	70	354000	41.715	ng/u1	98
18) 4-Methylphenol	8.528	108	415705	38.692	ng/u1	97
19) Hexachloroethane	8.816	117	172550	41.752	ng/u1	95
22) Nitrobenzene	8.952	77	525838	42.054	ng/u1	97
23) Isophorone	9.475	82	951369	42.561	ng/u1	99
25) 2-Nitrophenol	9.657	139	222913	43.929	ng/u1	97
26) 2,4-Dimethylphenol	9.722	107	462708	38.449	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.963	93	547658	38.152	ng/u1	99
29) 2,4-Dichlorophenol	10.187	162	349139	39.465	ng/u1	99
30) Naphthalene	10.587	128	1289115	38.388	ng/u1	100
32) 4-Chloroaniline	10.704	127	498834	34.110	ng/u1	99
33) Hexachlorobutadiene	10.863	225	205655	38.104	ng/u1	98
34) Caprolactam	11.498	113	140312m	45.931	ng/u1	
35) 4-Chloro-3-methylphenol	11.834	107	444379	42.077	ng/u1	99
36) 2-Methylnaphthalene	12.198	142	879929	38.241	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	856909	36.998	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	381236	37.762	ng/ul	98
40) Hexachlorocyclopentadiene	12.540	237	163626	24.914	ng/ul	98
41) 2,4,6-Trichlorophenol	12.816	196	261501	41.801	ng/ul	98
42) 2,4,5-Trichlorophenol	12.887	196	280507	40.981	ng/ul	96
43) 1,1'-Biphenyl	13.216	154	1064869	37.919	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	811673	38.281	ng/ul	100
45) 2-Nitroaniline	13.469	65	309900	49.478	ng/ul	96
47) Dimethylphthalate	13.851	163	1048941	40.079	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	216047	45.155	ng/ul	97
50) Acenaphthylene	14.104	152	1284135	40.254	ng/ul	100
51) 3-Nitroaniline	14.298	138	248828	44.385	ng/ul	97
52) Acenaphthene	14.445	153	913733	39.039	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	105548	37.195	ng/ul	96
55) 4-Nitrophenol	14.616	109	197291	46.072	ng/ul	99
56) Dibenzofuran	14.781	168	1225941	39.057	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	322046	47.100	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	234674	43.964	ng/ul	99
59) Diethylphthalate	15.222	149	1134506	41.852	ng/ul	99
61) Fluorene	15.434	166	1027786	39.806	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	465393	38.663	ng/ul	99
63) 4-Nitroaniline	15.463	138	270864	49.193	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.522	198	162426	39.837	ng/ul#	93
67) N-Nitrosodiphenylamine	15.651	169	879303	39.562	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	276144	46.088	ng/ul	98
69) Hexachlorobenzene	16.434	284	318393	39.623	ng/ul	99
70) Atrazine	16.616	200	300853	39.115	ng/ul	99
71) Pentachlorophenol	16.786	266	201671	39.922	ng/ul	99
72) Phenanthrene	17.181	178	1610877	40.097	ng/ul	99
74) Anthracene	17.269	178	1656112	40.655	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	382903	37.337	ng/ul	98
76) Pentachlorobenzene	14.698	250	376396	37.648	ng/ul	98
77) Carbazole	17.545	167	1539861	41.324	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1989866	44.681	ng/ul	100
80) Fluoranthene	19.151	202	1859083	40.422	ng/ul	98
82) Pyrene	19.510	202	1909189	40.004	ng/ul	99
83) Butylbenzylphthalate	20.392	149	945241	48.271	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	601133	37.596	ng/ul	99
85) Benzo(a)anthracene	21.221	228	1832169	40.745	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.157	149	1410971	46.021	ng/ul	98
87) Chrysene	21.274	228	1743966	40.461	ng/ul	100
89) Di-n-octyl phthalate	22.063	149	2442625	45.712	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	1922297	39.470	ng/ul	100
91) Benzo(k)fluoranthene	22.904	252	1846720	39.951	ng/ul	99
93) Benzo(a)pyrene	23.463	252	1707269	40.104	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.974	276	2231561	40.951	ng/ul	98
95) Dibenzo(a,h)anthracene	25.992	278	1880594	40.746	ng/ul	100
96) Benzo(g,h,i)perylene	26.709	276	1870374	41.541	ng/ul	100

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

