

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006318.D
 Acq On : 24 Jul 2021 22:29
 Operator : CG/JU
 Sample : PB137778BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS778

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:59 PM

Quant Time: Jul 26 01:02:38 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	7.793	152	258131	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1093883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	627138	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1215118	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1151389	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1154061	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	54515	7.883	ng/uL	0.00
4) Pyridine-d5	3.711	84	787934	38.381	ng/u1	0.00
7) Phenol-d5	6.963	99	943274	38.909	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	582356	38.606	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	728028	40.421	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	735269	38.566	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	342275	42.023	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	342715	44.067	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	620862	40.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	889437	35.450	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1871493	41.929	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2330786	42.503	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	377158	42.556	ng/u1	0.00
60) Fluorene-d10	15.410	176	1540480	41.055	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	280227	41.368	ng/u1	0.00
73) Anthracene-d10	17.269	188	2366132	43.136	ng/u1	0.00
81) Pyrene-d10	19.510	212	2584085	43.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	2504196	42.700	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	106267	14.555	ng/uL	98
5) Pyridine	3.728	79	742805	34.695	ng/u1	100
6) Benzaldehyde	6.940	77	533784	40.355	ng/u1	97
8) Phenol	6.993	94	908006	36.641	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	691374	35.468	ng/u1	99
12) 2-Chlorophenol	7.358	128	684597	37.491	ng/u1	98
13) 2-Methylphenol	8.234	108	646243	35.736	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	789823	36.269	ng/u1	100
16) Acetophenone	8.616	105	1031626	35.188	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.610	70	556433	36.279	ng/u1	98
18) 4-Methylphenol	8.563	108	697730	35.931	ng/u1	99
19) Hexachloroethane	8.863	117	281348	37.667	ng/u1	98
22) Nitrobenzene	8.987	77	827561	39.160	ng/u1	100
23) Isophorone	9.516	82	1460334	38.655	ng/u1	100
25) 2-Nitrophenol	9.693	139	346861	40.445	ng/u1	100
26) 2,4-Dimethylphenol	9.757	107	760375	37.385	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.005	93	907953	37.425	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	569990	38.122	ng/u1	98
30) Naphthalene	10.628	128	2100149	37.004	ng/u1	100
32) 4-Chloroaniline	10.740	127	809670	32.759	ng/u1	99
33) Hexachlorobutadiene	10.910	225	336754	36.918	ng/u1	98
34) Caprolactam	11.522	113	207013m	40.097	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	705996	39.554	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	1432417	36.834	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1394157	35.616	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	633691	37.495	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	366870	33.369	ng/ul	97
41) 2,4,6-Trichlorophenol	12.846	196	419093	40.018	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	456300	39.823	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1742668	37.069	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	1317843	37.128	ng/ul	98
45) 2-Nitroaniline	13.498	65	449242	42.846	ng/ul	97
47) Dimethylphthalate	13.887	163	1711044	39.054	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	340903	42.562	ng/ul	98
50) Acenaphthylene	14.140	152	2042624	38.249	ng/ul	100
51) 3-Nitroaniline	14.328	138	358098	38.157	ng/ul	99
52) Acenaphthene	14.481	153	1478955	37.746	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	182801	38.481	ng/ul	99
55) 4-Nitrophenol	14.634	109	298634	41.659	ng/ul	96
56) Dibenzofuran	14.816	168	1990452	37.880	ng/ul	96
57) 2,4-Dinitrotoluene	14.787	165	499597	43.648	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.040	232	366736	41.042	ng/ul	95
59) Diethylphthalate	15.257	149	1828594	40.296	ng/ul	100
61) Fluorene	15.469	166	1655591	38.304	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	762652	37.848	ng/ul	99
63) 4-Nitroaniline	15.492	138	393130	42.651	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	262895	39.700	ng/ul	98
67) N-Nitrosodiphenylamine	15.681	169	1424183	39.453	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	424259	43.598	ng/ul	96
69) Hexachlorobenzene	16.469	284	511873	39.222	ng/ul	98
70) Atrazine	16.645	200	503406	40.298	ng/ul	100
71) Pentachlorophenol	16.816	266	315548	38.461	ng/ul	98
72) Phenanthrene	17.210	178	2568295	39.362	ng/ul	99
74) Anthracene	17.304	178	2603450	39.351	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	628730	37.748	ng/ul	99
76) Pentachlorobenzene	14.734	250	620654	38.223	ng/ul	98
77) Carbazole	17.575	167	2405668	39.750	ng/ul	99
78) Di-n-butylphthalate	18.145	149	3076922	42.539	ng/ul	100
80) Fluoranthene	19.186	202	2919867	40.013	ng/ul	99
82) Pyrene	19.533	202	2954232	39.014	ng/ul	96
83) Butylbenzylphthalate	20.427	149	1353892	43.576	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	928589	36.603	ng/ul	98
85) Benzo(a)anthracene	21.251	228	2800410	39.251	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	2083330	42.827	ng/ul	100
87) Chrysene	21.304	228	2693056	39.380	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	3488403	43.375	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	2935168	40.042	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	2832714	40.717	ng/ul	100
93) Benzo(a)pyrene	23.510	252	2599616	40.572	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.045	276	3304808	40.294	ng/ul	97
95) Dibenzo(a,h)anthracene	26.062	278	2797801	40.276	ng/ul	99
96) Benzo(g,h,i)perylene	26.786	276	2730938	40.300	ng/ul	98

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

