

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
 Data File : BP007747.D
 Acq On : 28 Oct 2021 11:33
 Operator : CG/JU
 Sample : PB140114BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS114

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:25:23 PM

Quant Time: Oct 28 12:23:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 27 15:37:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	172076	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	719505	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	484670	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1037055	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	1103993	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1201624	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	25025	6.606	ng/uL	0.00
4) Pyridine-d5	3.781	84	371357	32.418	ng/u1	0.00
7) Phenol-d5	7.099	99	476533	36.460	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	252258	34.763	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	388520	38.220	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	383026	37.426	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	181388	36.994	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	203457	37.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	393714	36.119	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	482257	33.459	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	1147458	34.951	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1413707	35.133	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	217881	36.205	ng/u1	0.00
60) Fluorene-d10	15.563	176	986293	35.636	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	192037	34.619	ng/u1	0.00
73) Anthracene-d10	17.422	188	1576067	36.981	ng/u1	0.00
81) Pyrene-d10	19.657	212	1878709	36.552	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	2041477	34.584	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	52228	12.332	ng/uL	89
5) Pyridine	3.799	79	376587	33.561	ng/u1	99
6) Benzaldehyde	7.069	77	279994	44.561	ng/u1	94
8) Phenol	7.122	94	485907	36.796	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.352	93	370603	35.598	ng/u1	97
12) 2-Chlorophenol	7.493	128	393623	38.196	ng/u1	97
13) 2-Methylphenol	8.375	108	367350	36.826	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	411748	34.821	ng/u1	97
16) Acetophenone	8.758	105	568294	37.206	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.746	70	274812	37.827	ng/u1	93
18) 4-Methylphenol	8.705	108	397971	37.412	ng/u1	99
19) Hexachloroethane	9.016	117	159067	37.715	ng/u1	90
22) Nitrobenzene	9.134	77	410151	35.451	ng/u1	95
23) Isophorone	9.663	82	795551	35.946	ng/u1	95
25) 2-Nitrophenol	9.846	139	218943	37.984	ng/u1	93
26) 2,4-Dimethylphenol	9.910	107	442432	36.052	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.146	93	486658	34.300	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	391406	36.651	ng/u1	97
30) Naphthalene	10.787	128	1197863	35.264	ng/u1	100
32) 4-Chloroaniline	10.893	127	491198	33.481	ng/u1	100
33) Hexachlorobutadiene	11.081	225	274327	35.234	ng/u1	99
34) Caprolactam	11.663	113	125552m	35.855	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	410413	37.121	ng/u1	96
36) 2-Methylnaphthalene	12.399	142	831792	35.618	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	837610	35.523	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	503804	34.269	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	289945	30.412	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	329939	35.669	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	361486	36.294	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	1142411	34.120	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	884446	34.087	ng/ul	99
45) 2-Nitroaniline	13.646	65	235848	36.029	ng/ul	86
47) Dimethylphthalate	14.028	163	1136201	35.014	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	235287	37.962	ng/ul	88
50) Acenaphthylene	14.293	152	1438471	35.309	ng/ul	99
51) 3-Nitroaniline	14.469	138	237041	36.060	ng/ul#	90
52) Acenaphthene	14.634	153	931325	34.663	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	127659	33.000	ng/ul	94
55) 4-Nitrophenol	14.781	109	186160	34.991	ng/ul	90
56) Dibenzofuran	14.969	168	1365073	34.755	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	344997	38.757	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.198	232	304805	37.545	ng/ul	95
59) Diethylphthalate	15.398	149	1144763	35.970	ng/ul	98
61) Fluorene	15.622	166	1072159	35.020	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	564017	34.739	ng/ul	99
63) 4-Nitroaniline	15.634	138	250133	40.986	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	195423	34.999	ng/ul	96
67) N-Nitrosodiphenylamine	15.828	169	964959	36.066	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	366044	36.199	ng/ul	93
69) Hexachlorobenzene	16.634	284	415629	35.494	ng/ul	96
70) Atrazine	16.787	200	384684	34.676	ng/ul	99
71) Pentachlorophenol	16.975	266	266842	36.694	ng/ul	100
72) Phenanthrene	17.369	178	1796621	35.843	ng/ul	99
74) Anthracene	17.457	178	1800414	36.111	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	497626	32.820	ng/ul	99
76) Pentachlorobenzene	14.893	250	485763	33.225	ng/ul	99
77) Carbazole	17.728	167	1655946	35.978	ng/ul	99
78) Di-n-butylphthalate	18.286	149	1965749	37.304	ng/ul	99
80) Fluoranthene	19.334	202	2245362	35.645	ng/ul	98
82) Pyrene	19.686	202	2291219	35.938	ng/ul	96
83) Butylbenzylphthalate	20.563	149	952766	38.408	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.328	252	801158	39.156	ng/ul#	99
85) Benzo(a)anthracene	21.398	228	2336607	35.642	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1385141	37.578	ng/ul#	99
87) Chrysene	21.457	228	2265455	35.740	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	2503233	37.398	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	2560508	36.164	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	2352702	35.508	ng/ul	98
93) Benzo(a)pyrene	23.751	252	2493864	36.354	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	2937075	35.943	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	2511179	35.862	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	2522787	36.298	ng/ul	95

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

