

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
 Data File : BP007416.D
 Acq On : 14 Oct 2021 14:38
 Operator : CG/JU
 Sample : PB139790BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS790

Manual Integrations
 APPROVED

mohammad
 10/18/2021 10:30:38 AM

Quant Time: Oct 14 15:13:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 14 13:04:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	186983	20.00	ng/ul	0.00
20) Naphthalene-d8	10.769	136	761290	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	485844	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1026564	20.00	ng/ul	-0.01
79) Chrysene-d12	21.433	240	987320	20.00	ng/ul	-0.01
88) Perylene-d12	23.880	264	1067507	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	29007	6.13	ng/uL	0.00
4) Pyridine-d5	3.793	84	394265	30.42	ng/ul	0.00
7) Phenol-d5	7.116	99	485568	33.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	291307	33.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	385214	33.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	391725	34.83	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	175210	36.37	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	172727	38.38	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	381283	34.74	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	455448	30.68	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1127432	33.54	ng/ul	-0.01
49) Acenaphthylene-d8	14.287	160	1397976	33.09	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	190493	35.32	ng/ul	0.00
60) Fluorene-d10	15.587	176	949592	33.76	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.698	200	132783	32.28	ng/ul	0.00
73) Anthracene-d10	17.445	188	1447437	33.20	ng/ul	-0.01
81) Pyrene-d10	19.675	212	1704499	34.53	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	1692854	31.87	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	57314	11.13	ng/uL	94
5) Pyridine	3.817	79	384477	30.67	ng/ul	98
6) Benzaldehyde	7.093	77	316659	38.60	ng/ul	99
8) Phenol	7.146	94	484415	32.45	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	392439	32.57	ng/ul	99
12) 2-Chlorophenol	7.522	128	381910	32.38	ng/ul	99
13) 2-Methylphenol	8.399	108	371123	33.00	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	499312	32.52	ng/ul	99
16) Acetophenone	8.787	105	576392	33.50	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	294115	33.04	ng/ul	99
18) 4-Methylphenol	8.728	108	399162	33.32	ng/ul	100
19) Hexachloroethane	9.052	117	157711	31.94	ng/ul	99
22) Nitrobenzene	9.163	77	424500	34.32	ng/ul	99
23) Isophorone	9.693	82	851690	32.89	ng/ul	98
25) 2-Nitrophenol	9.875	139	192933	36.99	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	444261	33.36	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.181	93	519984	32.41	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	363414	33.69	ng/ul	98
30) Naphthalene	10.822	128	1190187	32.15	ng/ul	100
32) 4-Chloroaniline	10.922	127	440364	29.32	ng/ul	99
33) Hexachlorobutadiene	11.122	225	245807	32.45	ng/ul	99
34) Caprolactam	11.669	113	102545m	36.24	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	400004	34.13	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	823284	32.54	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	828113	32.33	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	452116	32.19	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	274362	30.98	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	284071	34.40	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	305796	35.57	ng/ul	97
43) 1,1'-Biphenyl	13.434	154	1101695	31.81	ng/ul	100
44) 2-Chloronaphthalene	13.475	162	838635	31.44	ng/ul	98
45) 2-Nitroaniline	13.669	65	220166	35.50	ng/ul	92
47) Dimethylphthalate	14.057	163	1074962	32.20	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	200027	36.13	ng/ul	98
50) Acenaphthylene	14.316	152	1356265	31.84	ng/ul	100
51) 3-Nitroaniline	14.487	138	191954	31.12	ng/ul	99
52) Acenaphthene	14.663	153	873109	31.66	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	79388	31.04	ng/ul	93
55) 4-Nitrophenol	14.792	109	161410	33.13	ng/ul	98
56) Dibenzofuran	14.992	168	1268439	31.68	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	283777	36.49	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.222	232	248548	34.84	ng/ul	96
59) Diethylphthalate	15.422	149	1074775	32.29	ng/ul	100
61) Fluorene	15.645	166	950757	31.34	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	484193	31.34	ng/ul	100
63) 4-Nitroaniline	15.651	138	201581	36.86	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	135554	31.86	ng/ul	93
67) N-Nitrosodiphenylamine	15.851	169	880976	31.88	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	297080	32.13	ng/ul	98
69) Hexachlorobenzene	16.657	284	355950	32.00	ng/ul	97
70) Atrazine	16.810	200	338462	32.35	ng/ul	99
71) Pentachlorophenol	16.992	266	202081	32.82	ng/ul	99
72) Phenanthrene	17.392	178	1632625	31.81	ng/ul	100
74) Anthracene	17.481	178	1606620	31.30	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	456262	30.64	ng/uL	98
76) Pentachlorobenzene	14.916	250	426125	30.70	ng/uL	99
77) Carbazole	17.745	167	1512395	33.54	ng/ul	100
78) Di-n-butylphthalate	18.310	149	1846414	33.34	ng/ul	100
80) Fluoranthene	19.351	202	1997710	32.62	ng/ul	99
82) Pyrene	19.704	202	1986314	32.16	ng/ul	100
83) Butylbenzylphthalate	20.586	149	797375	35.17	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	599399	31.91	ng/ul	98
85) Benzo(a)anthracene	21.416	228	1958213	32.28	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1204595	34.75	ng/ul	99
87) Chrysene	21.469	228	1859826	31.65	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2072971	34.41	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2040769	31.41	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	1944784	32.10	ng/ul	99
93) Benzo(a)pyrene	23.774	252	1988532	32.00	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	2324827	32.29	ng/ul	99
95) Dibenzo(a,h)anthracene	26.474	278	1976067	32.23	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	2007412	32.37	ng/ul	98

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

