

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
 Data File : BP007520.D
 Acq On : 20 Oct 2021 10:06
 Operator : CG/JU
 Sample : PB139972BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS972

Manual Integrations
 APPROVED

mohammad
 10/20/2021 1:57:23 PM

Quant Time: Oct 20 11:28:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 20 10:49:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	198435	20.00	ng/ul	0.00
20) Naphthalene-d8	10.763	136	794163	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	492753	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1066927	20.00	ng/ul	0.00
79) Chrysene-d12	21.427	240	1097775	20.00	ng/ul	0.00
88) Perylene-d12	23.880	264	1176048	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	30519	6.07	ng/uL	0.00
4) Pyridine-d5	3.793	84	438430	31.88	ng/ul	0.00
7) Phenol-d5	7.116	99	527485	34.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	297957	32.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	422142	34.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	415545	34.81	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	197802	39.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	204480	43.56	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	408192	35.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	475297	30.70	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1165280	34.18	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	1435023	33.49	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	219260	40.08	ng/ul	0.00
60) Fluorene-d10	15.587	176	993143	34.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	154890	36.23	ng/ul	0.00
73) Anthracene-d10	17.445	188	1564466	34.53	ng/ul	0.00
81) Pyrene-d10	19.675	212	1898398	34.59	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1970525	33.67	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	63232	11.57	ng/uL	91
5) Pyridine	3.811	79	437787	32.91	ng/ul	97
6) Benzaldehyde	7.087	77	327262	37.59	ng/ul	100
8) Phenol	7.140	94	537995	33.96	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	424556	33.20	ng/ul	98
12) 2-Chlorophenol	7.516	128	425936	34.03	ng/ul	98
13) 2-Methylphenol	8.399	108	408526	34.23	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	493103	30.26	ng/ul	98
16) Acetophenone	8.775	105	606878	33.24	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	300146	31.77	ng/ul	94
18) 4-Methylphenol	8.728	108	436819	34.36	ng/ul	99
19) Hexachloroethane	9.046	117	172000	32.82	ng/ul	95
22) Nitrobenzene	9.152	77	458431	35.53	ng/ul	97
23) Isophorone	9.687	82	862631	31.93	ng/ul	99
25) 2-Nitrophenol	9.869	139	223262	41.03	ng/ul	97
26) 2,4-Dimethylphenol	9.934	107	472816	34.03	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	547094	32.68	ng/ul	99
29) 2,4-Dichlorophenol	10.405	162	402640	35.78	ng/ul	98
30) Naphthalene	10.810	128	1275675	33.03	ng/ul	99
32) 4-Chloroaniline	10.916	127	506206	32.31	ng/ul	100
33) Hexachlorobutadiene	11.110	225	278242	35.21	ng/ul	99
34) Caprolactam	11.687	113	129411m	43.84	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	431350	35.28	ng/ul	97
36) 2-Methylnaphthalene	12.422	142	875916	33.18	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	877764	32.85	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.793	216	499784	35.09	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	264949	29.50	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	327860	39.15	ng/ul	97
42) 2,4,5-Trichlorophenol	13.093	196	351110	40.27	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	1166472	33.21	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	893932	33.05	ng/ul	99
45) 2-Nitroaniline	13.663	65	249525	39.67	ng/ul	93
47) Dimethylphthalate	14.051	163	1138324	33.62	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	229829	40.93	ng/ul	94
50) Acenaphthylene	14.310	152	1438586	33.30	ng/ul	100
51) 3-Nitroaniline	14.487	138	245984	39.32	ng/ul#	96
52) Acenaphthene	14.657	153	937363	33.51	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	101445	39.11	ng/ul	98
55) 4-Nitrophenol	14.793	109	186519	37.74	ng/ul	93
56) Dibenzofuran	14.992	168	1362893	33.56	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	331975	42.09	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.216	232	294657	40.72	ng/ul	98
59) Diethylphthalate	15.416	149	1136714	33.67	ng/ul	99
61) Fluorene	15.640	166	1031317	33.51	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.640	204	531831	33.94	ng/ul	99
63) 4-Nitroaniline	15.651	138	249420	44.97	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.716	198	159494	36.07	ng/ul	99
67) N-Nitrosodiphenylamine	15.845	169	950409	33.09	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	352330	36.66	ng/ul	95
69) Hexachlorobenzene	16.651	284	403312	34.89	ng/ul	98
70) Atrazine	16.804	200	372061	34.21	ng/ul	99
71) Pentachlorophenol	16.992	266	253187	39.56	ng/ul	99
72) Phenanthrene	17.386	178	1812186	33.98	ng/ul	99
74) Anthracene	17.481	178	1796232	33.67	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	507277	32.78	ng/uL	99
76) Pentachlorobenzene	14.916	250	475879	32.99	ng/uL	99
77) Carbazole	17.745	167	1696113	36.20	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1979337	34.38	ng/ul	99
80) Fluoranthene	19.351	202	2272502	33.37	ng/ul	99
82) Pyrene	19.704	202	2273255	33.11	ng/ul	99
83) Butylbenzylphthalate	20.580	149	932155	36.97	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	744946	35.67	ng/ul	98
85) Benzo(a)anthracene	21.416	228	2313936	34.31	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1346028	34.92	ng/ul	99
87) Chrysene	21.469	228	2213503	33.88	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	2408705	36.30	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2471953	34.53	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2311117	34.63	ng/ul	99
93) Benzo(a)pyrene	23.774	252	2373186	34.66	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	2818379	35.53	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	2386446	35.33	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	2423046	35.47	ng/ul	97

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

