

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
 Data File : BP006894.D
 Acq On : 09 Sep 2021 11:30
 Operator : CG/JU
 Sample : PB138822BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS822

Manual Integrations
 APPROVED

mohammad
 9/10/2021 3:25:36 PM

Quant Time: Sep 09 11:57:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 09 11:07:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	276123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.739	136	1135070	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	719024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	1515808	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	1487965	20.000	ng/ul	# 0.00
88) Perylene-d12	23.839	264	1505976	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	46655	6.724	ng/uL	0.00
4) Pyridine-d5	3.781	84	628132	34.739	ng/ul	0.00
7) Phenol-d5	7.093	99	749408	36.927	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	434680	37.294	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	600941	36.680	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	585156	36.717	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	270665	39.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	267369	39.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	595658	37.321	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	793701	35.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1716424	36.857	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2148116	36.421	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	315478	38.994	ng/ul	0.00
60) Fluorene-d10	15.557	176	1498170	36.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	260821	38.896	ng/ul	0.00
73) Anthracene-d10	17.416	188	2318193	36.941	ng/ul	0.00
81) Pyrene-d10	19.645	212	2742710	39.359	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	2637338	36.301	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	107532	13.927	ng/uL	88
5) Pyridine	3.799	79	701395	38.670	ng/ul	89
6) Benzaldehyde	7.075	77	500433m	38.697	ng/ul	
8) Phenol	7.116	94	889207	42.386	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.357	93	694998	41.380	ng/ul	98
12) 2-Chlorophenol	7.498	128	703698	41.866	ng/ul	93
13) 2-Methylphenol	8.375	108	657686	41.282	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	835850	43.086	ng/ul	97
16) Acetophenone	8.757	105	1015891	41.566	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.751	70	487119	42.777	ng/ul#	97
18) 4-Methylphenol	8.704	108	716092	41.909	ng/ul	99
19) Hexachloroethane	9.022	117	273671	39.983	ng/ul#	83
22) Nitrobenzene	9.140	77	715323	42.996	ng/ul#	88
23) Isophorone	9.669	82	1370169	41.466	ng/ul#	94
25) 2-Nitrophenol	9.851	139	344320	45.512	ng/ul#	85
26) 2,4-Dimethylphenol	9.910	107	719033	39.229	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.151	93	907817	41.504	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	659995	41.755	ng/ul	95
30) Naphthalene	10.792	128	2165213	39.325	ng/ul	100
32) 4-Chloroaniline	10.898	127	898732	39.979	ng/ul	100
33) Hexachlorobutadiene	11.081	225	410960	37.689	ng/ul	96
34) Caprolactam	11.669	113	183328m	38.912	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	685815	42.779	ng/ul	88
36) 2-Methylnaphthalene	12.398	142	1554351	42.106	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	1494163	39.679	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	808734	39.280	ng/ul#	95
40) Hexachlorocyclopentadiene	12.745	237	451070	33.946	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	518032	43.470	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	567168	42.693	ng/ul	96
43) 1,1'-Biphenyl	13.404	154	1986900	39.688	ng/ul#	98
44) 2-Chloronaphthalene	13.445	162	1526011	39.536	ng/ul	91
45) 2-Nitroaniline	13.645	65	383456	48.879	ng/ul#	78
47) Dimethylphthalate	14.022	163	1955575	41.637	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	376110	47.949	ng/ul#	76
50) Acenaphthylene	14.286	152	2317663	37.872	ng/ul	100
51) 3-Nitroaniline	14.463	138	394261	43.847	ng/ul	85
52) Acenaphthene	14.627	153	1647556	40.658	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	191572	43.475	ng/ul#	70
55) 4-Nitrophenol	14.763	109	265254	44.604	ng/ul#	83
56) Dibenzofuran	14.963	168	2343788	40.082	ng/ul	88
57) 2,4-Dinitrotoluene	14.922	165	543833	48.515	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.186	232	480142	44.854	ng/ul#	78
59) Diethylphthalate	15.386	149	1950294	42.648	ng/ul	95
61) Fluorene	15.616	166	1894651	40.652	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.610	204	946677	39.844	ng/ul#	81
63) 4-Nitroaniline	15.627	138	396523m	44.170	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	310658	45.503	ng/ul#	73
67) N-Nitrosodiphenylamine	15.822	169	1671312	41.864	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	589767	41.154	ng/ul#	85
69) Hexachlorobenzene	16.621	284	676918	40.736	ng/ul#	84
70) Atrazine	16.774	200	611001	40.414	ng/ul	94
71) Pentachlorophenol	16.963	266	402717	42.310	ng/ul	98
72) Phenanthrene	17.357	178	3101864	41.079	ng/ul	99
74) Anthracene	17.451	178	3108918	41.422	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	819053	38.552	ng/uL	98
76) Pentachlorobenzene	14.886	250	789354	38.383	ng/uL	99
77) Carbazole	17.716	167	2849078	42.712	ng/ul	97
78) Di-n-butylphthalate	18.274	149	3291836	43.542	ng/ul#	98
80) Fluoranthene	19.321	202	3689406	42.568	ng/ul#	94
82) Pyrene	19.674	202	3794907	42.688	ng/ul	94
83) Butylbenzylphthalate	20.545	149	1416381	45.755	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.315	252	1254623	40.635	ng/ul#	98
85) Benzo(a)anthracene	21.380	228	3672403	42.390	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	2093423	45.363	ng/ul#	94
87) Chrysene	21.439	228	3560000	41.525	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	3614809	46.443	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	3804140	43.170	ng/ul	98
91) Benzo(k)fluoranthene	23.139	252	3721954	45.123	ng/ul	97
93) Benzo(a)pyrene	23.733	252	3407400	40.189	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.397	276	4335855	44.084	ng/ul	98
95) Dibenzo(a,h)anthracene	26.415	278	3685813	43.313	ng/ul	98
96) Benzo(g,h,i)perylene	27.186	276	3633365	43.074	ng/ul	96

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

