

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017474.D
 Acq On : 30 Sep 2023 08:03
 Operator : MA/JU
 Sample : PB155898BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS898

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Oct 02 01:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	240213	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	946573	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	581849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	1308549	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1264980	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1404741	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26145	4.471	ng/uL	0.00
4) Pyridine-d5	3.728	84	360118	22.026	ng/u1	0.00
7) Phenol-d5	7.105	99	459889	23.311	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	271951	22.841	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	379786	24.272	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	358459	23.370	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	180178	26.330	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	206101	27.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	377984	26.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	490419	24.116	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1068873	25.644	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	1240966	25.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	179111	24.665	ng/u1	0.00
60) Fluorene-d10	15.645	176	931886	25.969	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	179011	24.272	ng/u1	0.00
73) Anthracene-d10	17.528	188	1490852	25.689	ng/u1	0.00
81) Pyrene-d10	19.780	212	1787957	26.137	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1740185	25.729	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	54611	9.118	ng/uL	94
5) Pyridine	3.746	79	342010	20.150	ng/u1	95
6) Benzaldehyde	7.105	77	250975	24.928	ng/u1	98
8) Phenol	7.128	94	472954	23.835	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.387	93	370786	23.117	ng/u1	96
12) 2-Chlorophenol	7.499	128	389366	24.504	ng/u1	99
13) 2-Methylphenol	8.399	108	346011	23.565	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	476981m	23.513	ng/u1	
16) Acetophenone	8.805	105	570251	24.059	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	289462	24.471	ng/u1	99
18) 4-Methylphenol	8.734	108	374809	23.824	ng/u1	99
19) Hexachloroethane	9.016	117	165818	25.137	ng/u1	94
22) Nitrobenzene	9.199	77	453946	26.143	ng/u1	97
23) Isophorone	9.716	82	796239	25.590	ng/u1	99
25) 2-Nitrophenol	9.905	139	222214	27.598	ng/u1	99
26) 2,4-Dimethylphenol	9.946	107	343680	21.423	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.204	93	489910	24.391	ng/u1	98
29) 2,4-Dichlorophenol	10.428	162	372192	26.891	ng/u1	99
30) Naphthalene	10.840	128	1216811	24.688	ng/u1	100
32) 4-Chloroaniline	10.981	127	458149	23.510	ng/u1	97
33) Hexachlorobutadiene	11.063	225	260707	27.065	ng/u1	97
34) Caprolactam	11.810	113	109597	27.404	ng/u1	96
35) 4-Chloro-3-methylphenol	12.087	107	383584	27.572	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	831211	25.839	ng/u1	100

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37) 1-Methylnaphthalene	12.675	142	815098	24.787	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	482191	25.823	ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	167876	15.886	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	311137	27.470	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	335648	28.285	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	1097618	24.864	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	888134	25.376	ng/ul	99
45) 2-Nitroaniline	13.763	65	254794	29.636	ng/ul	94
47) Dimethylphthalate	14.104	163	1094640	26.071	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	227998	31.263	ng/ul	90
50) Acenaphthylene	14.369	152	1447218	25.817	ng/ul	99
51) 3-Nitroaniline	14.592	138	229630	29.259	ng/ul	97
52) Acenaphthene	14.710	153	937628	25.326	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	98512	21.594	ng/ul	96
55) 4-Nitrophenol	14.892	109	155678	27.441	ng/ul	93
56) Dibenzofuran	15.045	168	1321339	26.062	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	340496	31.697	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	294327	29.231	ng/ul	94
59) Diethylphthalate	15.469	149	1111246	27.377	ng/ul	99
61) Fluorene	15.704	166	1095799	26.602	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	558870	26.770	ng/ul	99
63) 4-Nitroaniline	15.775	138	227458	32.473	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	194451	24.440	ng/ul#	96
67) N-Nitrosodiphenylamine	15.922	169	918210	25.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	351641	26.749	ng/ul	98
69) Hexachlorobenzene	16.681	284	413457	27.104	ng/ul	98
70) Atrazine	16.886	200	316867	24.572	ng/ul	98
71) Pentachlorophenol	17.051	266	255918	27.159	ng/ul	98
72) Phenanthrene	17.475	178	1775415	25.904	ng/ul	98
74) Anthracene	17.569	178	1788760	25.752	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	468327	23.320	ng/uL	96
76) Pentachlorobenzene	14.940	250	443562	23.381	ng/uL	99
77) Carbazole	17.857	167	1618224	26.192	ng/ul	98
78) Di-n-butylphthalate	18.363	149	1992472	29.328	ng/ul	100
80) Fluoranthene	19.451	202	2149761	26.946	ng/ul	98
82) Pyrene	19.810	202	2227348	26.263	ng/ul	99
83) Butylbenzylphthalate	20.675	149	922357	30.673	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.480	252	682115	24.819	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2256640	26.432	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	1361334	31.347	ng/ul#	98
87) Chrysene	21.598	228	2107875	26.235	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2342373	30.314	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2209453	26.677	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2174704	26.026	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2047696	25.841	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.862	276	2491944	25.089	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	2062073	24.926	ng/ul	97
96) Benzo(g,h,i)perylene	27.715	276	1991911	24.868	ng/ul	98

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

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