

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016821.D
 Acq On : 29 Aug 2023 08:15
 Operator : MA/JU
 Sample : PB155098BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SLCS098

Quant Time: Aug 29 08:49:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel
 08/29/2023
 Supervised By :mohammad ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	345019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1524505	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.680	164	958740	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2098598	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1748648	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1501582	20.000	ng/ul	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	82567	9.891	ng/uL	0.00
4) Pyridine-d5	3.816	84	963351	37.762	ng/ul	0.00
7) Phenol-d5	7.175	99	1273653	41.515	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	746778	38.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	941796	40.829	ng/ul	0.00
15) 4-Methylphenol-d8	8.739	113	994057	39.692	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	473016	41.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	533161	43.881	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	982113	43.358	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	1281795	36.900	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	2849823	39.415	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	3366766	41.191	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	557192	37.285	ng/ul	0.00
60) Fluorene-d10	15.680	176	2487266	40.851	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	480743	38.466	ng/ul	0.00
73) Anthracene-d10	17.551	188	3894447	41.866	ng/ul	0.00
81) Pyrene-d10	19.786	212	4399869	45.813	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264	3230979	42.956	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.416	88	133600	14.696	ng/uL	99
5) Pyridine	3.834	79	955714	36.369	ng/ul	99
6) Benzaldehyde	7.187	77	720555	42.948	ng/ul	96
8) Phenol	7.198	94	1330536	41.441	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	1017820	39.273	ng/ul	98
12) 2-Chlorophenol	7.581	128	989296	41.959	ng/ul	98
13) 2-Methylphenol	8.469	108	984615	40.882	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1427364m	37.756	ng/ul	
16) Acetophenone	8.881	105	1582382	40.747	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	835966	40.848	ng/ul	97
18) 4-Methylphenol	8.804	108	1082199	41.264	ng/ul	100
19) Hexachloroethane	9.098	117	388483	39.600	ng/ul	98
22) Nitrobenzene	9.269	77	1220092	41.259	ng/ul	99
23) Isophorone	9.786	82	2350587	40.927	ng/ul	100
25) 2-Nitrophenol	9.975	139	584432	43.502	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	1083543	40.128	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	1438409	40.594	ng/ul	99
29) 2,4-Dichlorophenol	10.492	162	988735	43.455	ng/ul	99
30) Naphthalene	10.910	128	3251009	41.167	ng/ul	100
32) 4-Chloroaniline	11.039	127	1302433	38.153	ng/ul	100
33) Hexachlorobutadiene	11.139	225	568419	40.556	ng/ul	98
34) Caprolactam	11.869	113	349255m	41.623	ng/ul	
35) 4-Chloro-3-methylphenol	12.139	107	1098684	43.060	ng/ul	98
36) 2-Methylnaphthalene	12.510	142	2239560	41.085	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.727	142	2175141	39.571	ng/ul	98	08/29/2023
39) 1,2,4,5-Tetrachloroben...	12.857	216	1122972	41.096	ng/ul	98	
40) Hexachlorocyclopentadiene	12.810	237	589530	29.337	ng/ul	98	
41) 2,4,6-Trichlorophenol	13.110	196	801134	43.904	ng/ul	98	
42) 2,4,5-Trichlorophenol	13.180	196	882333	44.685	ng/ul	98	
43) 1,1'-Biphenyl	13.516	154	3013420	42.274	ng/ul	100	
44) 2-Chloronaphthalene	13.563	162	2377411	42.248	ng/ul	99	
45) 2-Nitroaniline	13.798	65	743859	43.588	ng/ul	94	
47) Dimethylphthalate	14.145	163	3001878	40.996	ng/ul	100	
48) 2,6-Dinitrotoluene	14.286	165	640518	44.641	ng/ul	96	
50) Acenaphthylene	14.410	152	3756154	40.151	ng/ul	100	
51) 3-Nitroaniline	14.621	138	642415	42.998	ng/ul	99	
52) Acenaphthene	14.751	153	2566199	41.464	ng/ul	99	
53) 2,4-Dinitrophenol	14.821	184	330133	31.664	ng/ul	99	
55) 4-Nitrophenol	14.910	109	428262	37.946	ng/ul	99	
56) Dibenzofuran	15.086	168	3557284	41.890	ng/ul	99	
57) 2,4-Dinitrotoluene	15.069	165	920801	43.600	ng/ul	98	
58) 2,3,4,6-Tetrachlorophenol	15.298	232	725447	43.156	ng/ul	99	
59) Diethylphthalate	15.498	149	3017658	40.566	ng/ul	99	
61) Fluorene	15.733	166	2952951	41.573	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.727	204	1449942	41.576	ng/ul	97	
63) 4-Nitroaniline	15.798	138	644959	45.366	ng/ul	99	
66) 4,6-Dinitro-2-methylph...	15.821	198	509030	37.778	ng/ul	98	
67) N-Nitrosodiphenylamine	15.951	169	2507402	43.199	ng/ul	100	
68) 4-Bromophenyl-phenylether	16.627	248	861673	42.826	ng/ul	97	
69) Hexachlorobenzene	16.710	284	945602	41.975	ng/ul	98	
70) Atrazine	16.904	200	864601	39.510	ng/ul	99	
71) Pentachlorophenol	17.074	266	607006	36.298	ng/ul	99	
72) Phenanthrene	17.498	178	4671095	42.280	ng/ul	100	
74) Anthracene	17.586	178	4714040	42.198	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.469	216	114201	4.064	ng/uL	98	
76) Pentachlorobenzene	14.974	250	1136393	45.254	ng/uL	98	
77) Carbazole	17.868	167	4291611	42.656	ng/ul	99	
78) Di-n-butylphthalate	18.374	149	5263110	41.930	ng/ul	100	
80) Fluoranthene	19.457	202	5425037	47.024	ng/ul	100	
82) Pyrene	19.815	202	5559723	46.654	ng/ul	100	
83) Butylbenzylphthalate	20.668	149	2441179	47.499	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.468	252	1637226	43.804	ng/ul	99	
85) Benzo(a)anthracene	21.533	228	5092487	42.280	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.403	149	3511932	46.799	ng/ul	100	
87) Chrysene	21.592	228	4677391	42.751	ng/ul	99	
89) Di-n-octyl phthalate	22.386	149	5830379	51.560	ng/ul	100	
90) Benzo(b)fluoranthene	23.315	252	4341266	45.275	ng/ul	100	
91) Benzo(k)fluoranthene	23.374	252	4216242	44.461	ng/ul	99	
93) Benzo(a)pyrene	24.003	252	3646942	42.048	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	26.850	276	4048032	45.675	ng/ul	99	
95) Dibenzo(a,h)anthracene	26.874	278	3359510	45.638	ng/ul	99	
96) Benzo(g,h,i)perylene	27.709	276	3205762	47.710	ng/ul	99	

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

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