

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
 Data File : BP016241.D
 Acq On : 14 Jul 2023 23:38
 Operator : MA/JU
 Sample : PB153903BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS903

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:03:00 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 14 23:53:26 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	166939	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	796790	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	536056	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1235256	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1258460	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1411091	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	28221	5.982	ng/uL	0.00
4) Pyridine-d5	3.728	84	386843	32.879	ng/u1	-0.01
7) Phenol-d5	7.134	99	552015	36.609	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	342167	33.558	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.481	132	397182	36.489	ng/u1	-0.01
15) 4-Methylphenol-d8	8.693	113	432162	35.578	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	199543	36.300	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.869	143	228392	36.454	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	416707	38.409	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.946	131	556954	32.027	ng/u1	-0.01
46) Dimethylphthalate-d6	14.022	166	1329164	32.505	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1510754	33.713	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	355025m	42.543	ng/u1	0.00
60) Fluorene-d10	15.604	176	1140472	33.326	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	212893	29.855	ng/u1	-0.01
73) Anthracene-d10	17.475	188	1848849	34.217	ng/u1	0.00
81) Pyrene-d10	19.710	212	2275123	34.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	2405360	35.496	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	57043	11.023	ng/uL#	97
5) Pyridine	3.752	79	369407	30.653	ng/u1	98
6) Benzaldehyde	7.111	77	282043	29.956	ng/u1	97
8) Phenol	7.164	94	543524	33.626	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	425650	32.380	ng/u1	97
12) 2-Chlorophenol	7.516	128	402933	35.678	ng/u1	97
13) 2-Methylphenol	8.422	108	414833	34.098	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	656961	30.794	ng/u1	99
16) Acetophenone	8.799	105	657526	32.827	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	372248	34.664	ng/u1	97
18) 4-Methylphenol	8.758	108	448411	33.705	ng/u1	96
19) Hexachloroethane	9.016	117	167632	32.558	ng/u1	96
22) Nitrobenzene	9.187	77	542145	33.945	ng/u1	98
23) Isophorone	9.705	82	1042618	32.933	ng/u1	99
25) 2-Nitrophenol	9.905	139	236585	35.146	ng/u1	96
26) 2,4-Dimethylphenol	9.957	107	497807	33.629	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.187	93	622927	33.792	ng/u1	99
29) 2,4-Dichlorophenol	10.452	162	408125	36.584	ng/u1	98
30) Naphthalene	10.822	128	1362326	32.580	ng/u1	99
32) 4-Chloroaniline	10.969	127	485687	28.081	ng/u1	99
33) Hexachlorobutadiene	11.081	225	244540	32.274	ng/u1	99
34) Caprolactam	11.787	113	145452	36.015	ng/u1	92
35) 4-Chloro-3-methylphenol	12.104	107	494210	35.899	ng/u1	98
36) 2-Methylnaphthalene	12.434	142	909282	32.432	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	930878	32.284	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	495254	32.439	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	98383	16.415	ng/ul	96
41) 2,4,6-Trichlorophenol	13.063	196	324863	33.679	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	353808	34.501	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	1267582	32.416	ng/ul	98
44) 2-Chloronaphthalene	13.493	162	1004635	32.701	ng/ul	99
45) 2-Nitroaniline	13.728	65	355207	35.478	ng/ul	97
47) Dimethylphthalate	14.069	163	1303763	31.568	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	273886	35.177	ng/ul	97
50) Acenaphthylene	14.334	152	1592242	30.936	ng/ul	99
51) 3-Nitroaniline	14.569	138	285909	36.161	ng/ul	96
52) Acenaphthene	14.669	153	1109243	31.865	ng/ul	97
53) 2,4-Dinitrophenol	14.810	184	118681	21.778	ng/ul	96
55) 4-Nitrophenol	14.898	109	234618m	36.944	ng/ul	
56) Dibenzofuran	15.016	168	1543709	32.557	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	402286	35.025	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.257	232	307984	33.092	ng/ul	98
59) Diethylphthalate	15.428	149	1367144	31.832	ng/ul	100
61) Fluorene	15.663	166	1273101	32.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	605823	31.623	ng/ul	98
63) 4-Nitroaniline	15.740	138	277053	38.154	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.798	198	211425	28.367	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	1090811	33.315	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	383743	32.689	ng/ul	98
69) Hexachlorobenzene	16.675	284	458996	32.468	ng/ul	96
70) Atrazine	16.834	200	277356	21.362	ng/ul	98
71) Pentachlorophenol	17.039	266	223287	31.497	ng/ul	99
72) Phenanthrene	17.416	178	2115665	32.871	ng/ul	99
74) Anthracene	17.510	178	2145838	33.180	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	518385	31.967	ng/ul	97
76) Pentachlorobenzene	14.934	250	1194767	78.053	ng/ul	99
77) Carbazole	17.804	167	2001119	33.937	ng/ul	99
78) Di-n-butylphthalate	18.310	149	2488396	33.688	ng/ul	100
80) Fluoranthene	19.386	202	2599216	34.038	ng/ul	98
82) Pyrene	19.739	202	2766745	33.936	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1248789	35.517	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	935633	31.820	ng/ul	99
85) Benzo(a)anthracene	21.445	228	2743726	33.481	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1816506	34.583	ng/ul	99
87) Chrysene	21.504	228	2669027	32.150	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	3229629	36.539	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	2825626	35.056	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	2875800	35.060	ng/ul	99
93) Benzo(a)pyrene	23.845	252	2515049	31.498	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	2941799	29.753	ng/ul	99
95) Dibenzo(a,h)anthracene	26.592	278	2463516	30.546	ng/ul	99
96) Benzo(g,h,i)perylene	27.410	276	2362157	29.930	ng/ul	100

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

