

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017592.D
 Acq On : 06 Oct 2023 07:51
 Operator : MA/JU
 Sample : 04588-12MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBHP1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Oct 06 08:38:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 05:55:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	104421	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	445309	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	294478	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.416	188	659703	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	656910	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	697270	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	12785	4.895	ng/uL	0.00
4) Pyridine-d5	3.722	84	73856	10.803	ng/u1	0.00
7) Phenol-d5	7.093	99	77040	8.769	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	237961	44.388	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	226210	32.700	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	132685	18.865	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	148643	43.388	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	166237	43.022	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	290556	40.561	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	339758	33.295	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1089609	47.436	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1170598	46.216	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	37318	9.277	ng/u1	0.00
60) Fluorene-d10	15.634	176	937972	48.142	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	198427	48.247	ng/u1	0.00
73) Anthracene-d10	17.522	188	1539296	50.408	ng/u1	0.00
81) Pyrene-d10	19.775	212	1897458	51.982	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1807497	51.366	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	17052	6.351	ng/uL	98
5) Pyridine	3.746	79	79802	11.116	ng/u1	98
6) Benzaldehyde	7.093	77	269257	60.793	ng/u1	92
8) Phenol	7.122	94	85772	9.747	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.375	93	307333	43.135	ng/u1	98
12) 2-Chlorophenol	7.487	128	237032	33.855	ng/u1	99
13) 2-Methylphenol	8.387	108	156935	23.797	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.452	45	401795m	42.828	ng/u1	
16) Acetophenone	8.793	105	490245	44.197	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.757	70	288723	50.730	ng/u1	99
18) 4-Methylphenol	8.722	108	153357	21.490	ng/u1	100
19) Hexachloroethane	9.022	117	408571	131.463	ng/u1#	11
22) Nitrobenzene	9.187	77	384662	43.653	ng/u1	98
23) Isophorone	9.699	82	731176	45.226	ng/u1	98
25) 2-Nitrophenol	9.893	139	183200	44.683	ng/u1#	92
26) 2,4-Dimethylphenol	9.934	107	104061	12.801	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.193	93	429865	43.487	ng/u1	97
29) 2,4-Dichlorophenol	10.416	162	284119	40.848	ng/u1	98
30) Naphthalene	10.822	128	1248060	52.529	ng/u1	99
32) 4-Chloroaniline	10.969	127	327964	33.670	ng/u1	100
33) Hexachlorobutadiene	11.046	225	219912	43.537	ng/u1	98
34) Caprolactam	11.822	113	20719m	9.599	ng/u1	
35) 4-Chloro-3-methylphenol	12.075	107	280778	38.249	ng/u1	96
36) 2-Methylnaphthalene	12.440	142	885162	54.522	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	1054632	63.315	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	434420	45.027	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	170876	31.402	ng/ul	99
41) 2,4,6-Trichlorophenol	13.051	196	280484	45.617	ng/ul	100
42) 2,4,5-Trichlorophenol	13.122	196	310934	48.027	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	1029520	45.670	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	822716	45.903	ng/ul	99
45) 2-Nitroaniline	13.751	65	283078	56.840	ng/ul	97
47) Dimethylphthalate	14.092	163	1118589	48.450	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	232464	54.034	ng/ul	96
50) Acenaphthylene	14.357	152	1369018	46.737	ng/ul	99
51) 3-Nitroaniline	14.587	138	207404	50.571	ng/ul	98
52) Acenaphthene	14.692	153	922183	47.696	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	118075	46.365	ng/ul	90
55) 4-Nitrophenol	14.892	109	38893	10.767	ng/ul	88
56) Dibenzofuran	15.034	168	1314764	48.317	ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	356709	55.552	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.257	232	288389	50.328	ng/ul	99
59) Diethylphthalate	15.451	149	1178783	50.903	ng/ul	100
61) Fluorene	15.692	166	1145387	50.966	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.681	204	571085	49.604	ng/ul	99
63) 4-Nitroaniline	15.763	138	231668	60.099	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.792	198	215421	48.959	ng/ul	99
67) N-Nitrosodiphenylamine	15.910	169	939987	50.886	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	368215	52.649	ng/ul	98
69) Hexachlorobenzene	16.669	284	426737	51.812	ng/ul	96
70) Atrazine	16.875	200	336085	47.026	ng/ul	97
71) Pentachlorophenol	17.045	266	257259	51.596	ng/ul	97
72) Phenanthrene	17.463	178	1888494	53.188	ng/ul	99
74) Anthracene	17.557	178	1857317	51.323	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	435373	44.645	ng/ul	98
76) Pentachlorobenzene	14.922	250	438306	45.278	ng/ul	98
77) Carbazole	17.845	167	1698964	52.282	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2159032	55.124	ng/ul	100
80) Fluoranthene	19.439	202	2270352	53.391	ng/ul	99
82) Pyrene	19.804	202	2357616	52.547	ng/ul	98
83) Butylbenzylphthalate	20.669	149	995783	56.513	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	533123	35.717	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2406451	52.289	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1445005	56.895	ng/ul	99
87) Chrysene	21.598	228	2238864	52.044	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2412418	54.691	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2340855	53.479	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	2303205	52.776	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2135363	52.184	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	2595124	51.877	ng/ul	99
95) Dibenzo(a,h)anthracene	26.904	278	2184949	51.836	ng/ul	100
96) Benzo(g,h,i)perylene	27.733	276	2051221	51.115	ng/ul	99

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

