

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
 Data File : BP014262.D
 Acq On : 23 Mar 2023 17:34
 Operator : CG/JU
 Sample : SP
 Misc : SFAM SPIKE
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP

Quant Time: Mar 24 00:52:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 23 04:56:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/24/2023
 Supervised By : Jagrut Upadhyay 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	162743	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	720126	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.681	164	509558	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1168617	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.527	240	1154056	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	1165693	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	124447	26.763	ng/uL#	88
5) Pyridine	3.852	79	880613	72.812	ng/u1	97
6) Benzaldehyde	7.175	77	890102	124.560	ng/u1	99
8) Phenol	7.222	94	1337323	90.295	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.452	93	982398	86.580	ng/u1	98
12) 2-Chlorophenol	7.599	128	956350	86.750	ng/u1	96
13) 2-Methylphenol	8.487	108	998426	90.659	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1253585	102.303	ng/u1	97
16) Acetophenone	8.875	105	1614350	85.184	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.857	70	888136	91.606	ng/u1	98
18) 4-Methylphenol	8.822	108	1099792	90.791	ng/u1	99
19) Hexachloroethane	9.122	117	399602	82.762	ng/u1	95
22) Nitrobenzene	9.257	77	1291623	84.034	ng/u1	99
23) Isophorone	9.793	82	2516845	85.030	ng/u1	98
25) 2-Nitrophenol	9.969	139	575879	81.238	ng/u1	96
26) 2,4-Dimethylphenol	10.028	107	1305673	84.149	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.263	93	1459177	85.227	ng/u1	99
29) 2,4-Dichlorophenol	10.510	162	1027203	80.463	ng/u1	98
30) Naphthalene	10.910	128	3138994	79.379	ng/u1	99
32) 4-Chloroaniline	11.028	127	1341376	77.832	ng/u1	99
33) Hexachlorobutadiene	11.187	225	719917	70.867	ng/u1	99
34) Caprolactam	11.851	113	358097m	86.390	ng/u1	
35) 4-Chloro-3-methylphenol	12.151	107	1263018	85.558	ng/u1	96
36) 2-Methylnaphthalene	12.516	142	2190252	78.967	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	2233339	80.111	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	1350706	73.302	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	888653	67.348	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	918592	79.358	ng/ul	98
42) 2,4,5-Trichlorophenol	13.198	196	1003543	78.998	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	3028275	77.192	ng/ul	98
44) 2-Chloronaphthalene	13.563	162	2423077	77.768	ng/ul	97
45) 2-Nitroaniline	13.775	65	865585	93.930	ng/ul	93
47) Dimethylphthalate	14.140	163	3260653	76.175	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	714524	84.432	ng/ul	98
50) Acenaphthylene	14.410	152	3809855	79.246	ng/ul	100
51) 3-Nitroaniline	14.604	138	725318	96.799	ng/ul	95
52) Acenaphthene	14.751	153	2634780	78.394	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	493175	78.037	ng/ul	93
55) 4-Nitrophenol	14.910	109	565560	68.704	ng/ul	87
56) Dibenzofuran	15.087	168	3681822	75.301	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	1038814	82.159	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.310	232	932342	76.715	ng/ul	99
59) Diethylphthalate	15.498	149	3323231	76.545	ng/ul	99
61) Fluorene	15.734	166	3063541	75.587	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1629054	72.823	ng/ul	100
63) 4-Nitroaniline	15.775	138	783589m	101.737	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.822	198	653452	77.547	ng/ul#	100
67) N-Nitrosodiphenylamine	15.939	169	2671323	80.937	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	1082888	76.651	ng/ul	99
69) Hexachlorobenzene	16.739	284	1269304	76.244	ng/ul	97
70) Atrazine	16.898	200	1114196	78.270	ng/ul	99
71) Pentachlorophenol	17.092	266	821631	75.503	ng/ul	97
72) Phenanthrene	17.486	178	4998457	78.420	ng/ul	100
74) Anthracene	17.581	178	5091262	78.778	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	1373433	76.579	ng/ul	100
76) Pentachlorobenzene	15.004	250	1426592	76.574	ng/ul	99
77) Carbazole	17.851	167	4574982	80.255	ng/ul	99
78) Di-n-butylphthalate	18.375	149	5846800	82.067	ng/ul	100
80) Fluoranthene	19.445	202	6182086	85.213	ng/ul#	96
82) Pyrene	19.798	202	6343319	83.816	ng/ul	95
83) Butylbenzylphthalate	20.651	149	2797924	91.687	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	2617996	88.616	ng/ul	100
85) Benzo(a)anthracene	21.510	228	6476866	79.792	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	4067432	89.153	ng/ul	99
87) Chrysene	21.569	228	6046846	78.166	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	6964108	94.680	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	6579375	84.704	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	6062149	81.846	ng/ul	99
93) Benzo(a)pyrene	23.939	252	5421742	80.249	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	6215262	69.493	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.727	278	5226829	70.315	ng/ul	99
96) Benzo(g,h,i)perylene	27.527	276	4802166	67.176	ng/ul	97

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

