

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014338.D
 Acq On : 28 Mar 2023 11:49
 Operator : CG/JU
 Sample : SST01042
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010625

Quant Time: Mar 29 00:59:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 00:54:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 03/29/2023
 Supervised By :Jagrit
 Upadhyay
 03/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	151532	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	610406	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	399548	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	800445	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	589730	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	635293	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	15280	3.910	ng/uL	0.00
4) Pyridine-d5	3.834	84	89324m	8.990	ng/u1	0.00
7) Phenol-d5	7.181	99	124407	8.902	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	85175	9.499	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	93894	9.296	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	100486	8.914	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	46353	9.407	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	50866	9.015	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	97203	9.459	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	126690	9.360	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	313294	9.671	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	345524	9.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	35276	7.208	ng/u1	0.01
60) Fluorene-d10	15.669	176	254273	9.412	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	48321	8.204	ng/u1	0.00
73) Anthracene-d10	17.540	188	374462	9.667	ng/u1	0.00
81) Pyrene-d10	19.769	212	392316	9.904	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	316847	9.387	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	17063	3.974	ng/uL	95
5) Pyridine	3.852	79	93042	8.722	ng/u1	96
6) Benzaldehyde	7.164	77	80149	11.682	ng/u1	98
8) Phenol	7.211	94	128406	8.857	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.440	93	109647	9.412	ng/u1	98
12) 2-Chlorophenol	7.587	128	98781	9.396	ng/u1	99
13) 2-Methylphenol	8.475	108	98154	9.079	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.546	45	148864	9.733	ng/u1	99
16) Acetophenone	8.858	105	176343	9.473	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.834	70	95429	9.490	ng/u1	97
18) 4-Methylphenol	8.805	108	108010	9.097	ng/u1	94
19) Hexachloroethane	9.111	117	43384	9.445	ng/u1	98
22) Nitrobenzene	9.240	77	136663	9.654	ng/u1	98
23) Isophorone	9.769	82	244790	9.381	ng/u1	99
25) 2-Nitrophenol	9.958	139	55718	9.355	ng/u1	94
26) 2,4-Dimethylphenol	10.016	107	127665	9.623	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.252	93	150069	9.592	ng/u1	100
29) 2,4-Dichlorophenol	10.499	162	94740	9.368	ng/u1	94
30) Naphthalene	10.899	128	333727	9.815	ng/u1	99
32) 4-Chloroaniline	11.022	127	129318	9.432	ng/u1	98
33) Hexachlorobutadiene	11.175	225	79714	9.949	ng/u1	98
34) Caprolactam	11.816	113	25873m	8.858	ng/u1	
35) 4-Chloro-3-methylphenol	12.140	107	119511	9.608	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	229552	9.962	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	227066	9.936	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.869	216	136603	9.589	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	65201	7.068	ng/ul	97
41) 2,4,6-Trichlorophenol	13.116	196	81291	9.232	ng/ul	95
42) 2,4,5-Trichlorophenol	13.193	196	88883	9.471	ng/ul	97
43) 1,1'-Biphenyl	13.510	154	316329	9.800	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	249257	9.766	ng/ul	98
45) 2-Nitroaniline	13.769	65	69947	8.898	ng/ul	98
47) Dimethylphthalate	14.128	163	310650	9.591	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	56904	8.992	ng/ul	95
50) Acenaphthylene	14.398	152	373240	9.749	ng/ul	99
51) 3-Nitroaniline	14.598	138	49038	8.649	ng/ul	99
52) Acenaphthene	14.740	153	258919	9.571	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	26770	6.532	ng/ul	94
55) 4-Nitrophenol	14.910	109	32652	6.760	ng/ul	90
56) Dibenzofuran	15.075	168	371673	9.773	ng/ul	98
57) 2,4-Dinitrotoluene	15.046	165	81018	9.025	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.304	232	77716	9.214	ng/ul	98
59) Diethylphthalate	15.493	149	305521	9.492	ng/ul	99
61) Fluorene	15.728	166	291913	9.470	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	157684	9.521	ng/ul	97
63) 4-Nitroaniline	15.763	138	39532m	8.965	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.810	198	47699	8.357	ng/ul#	96
67) N-Nitrosodiphenylamine	15.934	169	247877	9.953	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	97348	9.773	ng/ul	99
69) Hexachlorobenzene	16.734	284	111577	9.752	ng/ul	99
70) Atrazine	16.892	200	81290	8.967	ng/ul	99
71) Pentachlorophenol	17.092	266	54000	8.147	ng/ul	97
72) Phenanthrene	17.481	178	434065	9.747	ng/ul	100
74) Anthracene	17.575	178	439666	9.796	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	142277	10.098	ng/uL	99
76) Pentachlorobenzene	14.993	250	141118	10.038	ng/uL	99
77) Carbazole	17.845	167	358251	9.538	ng/ul	99
78) Di-n-butylphthalate	18.375	149	433425	9.177	ng/ul	100
80) Fluoranthene	19.439	202	467475	9.981	ng/ul	99
82) Pyrene	19.792	202	493402	10.090	ng/ul	99
83) Butylbenzylphthalate	20.651	149	154318	9.162	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	114556	8.783	ng/ul	100
85) Benzo(a)anthracene	21.510	228	400872	9.593	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	209127	9.080	ng/ul	99
87) Chrysene	21.563	228	384485	9.744	ng/ul	98
89) Di-n-octyl phthalate	22.369	149	339199	8.228	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	399367	9.308	ng/ul	97
91) Benzo(k)fluoranthene	23.322	252	397380	9.536	ng/ul	99
93) Benzo(a)pyrene	23.933	252	347674	9.414	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.698	276	505450	9.948	ng/ul	98
95) Dibenzo(a,h)anthracene	26.715	278	417099	9.805	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	414734	10.014	ng/ul	99

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

