

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017197.D
 Acq On : 18 Sep 2023 10:28
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020738

Quant Time: Sep 18 22:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	178599	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	804769	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	531800	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1222394	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1223635	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	1213630	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	34835	8.196	ng/uL	0.00
4) Pyridine-d5	3.740	84	263975	21.712	ng/u1	0.00
7) Phenol-d5	7.093	99	306571	21.110	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	204033	22.478	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	243821	21.046	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	251590	20.904	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	119144	21.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	123233	20.484	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	249309	21.428	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	373724	21.311	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	792042	20.929	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	909671	21.184	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	129816	17.749	ng/u1	0.00
60) Fluorene-d10	15.598	176	712940	21.788	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	121105	17.733	ng/u1	0.00
73) Anthracene-d10	17.475	188	1138436	21.920	ng/u1	0.00
81) Pyrene-d10	19.716	212	1383597	21.560	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	1253592	21.885	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	37853	8.283	ng/uL	98
5) Pyridine	3.764	79	279303	22.179	ng/u1	97
6) Benzaldehyde	7.105	77	204388	25.279	ng/u1	97
8) Phenol	7.122	94	331945	21.672	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.381	93	263089	21.536	ng/u1	96
12) 2-Chlorophenol	7.499	128	250276	21.283	ng/u1	97
13) 2-Methylphenol	8.387	108	235002	20.581	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.458	45	381594m	23.049	ng/u1	
16) Acetophenone	8.793	105	412819	21.914	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.763	70	214846	22.193	ng/u1	97
18) 4-Methylphenol	8.716	108	269058	21.298	ng/u1	97
19) Hexachloroethane	9.010	117	101342	20.954	ng/u1	94
22) Nitrobenzene	9.187	77	321130	21.882	ng/u1	97
23) Isophorone	9.699	82	571703	20.789	ng/u1	98
25) 2-Nitrophenol	9.887	139	140570	21.023	ng/u1	94
26) 2,4-Dimethylphenol	9.928	107	282543	20.734	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.187	93	370007	21.467	ng/u1	98
29) 2,4-Dichlorophenol	10.410	162	255503	21.695	ng/u1	96
30) Naphthalene	10.822	128	872720	21.430	ng/u1	99
32) 4-Chloroaniline	10.957	127	369583	21.597	ng/u1	99
33) Hexachlorobutadiene	11.046	225	174949	21.877	ng/u1	99
34) Caprolactam	11.781	113	75949	20.516	ng/u1	98
35) 4-Chloro-3-methylphenol	12.057	107	273508	21.464	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	589850	21.466	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	600928	21.604	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	339647	21.444	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	171395	17.368	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	209666	20.837	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	226581	21.181	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	802011	21.032	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	644413	21.280	ng/ul	98
45) 2-Nitroaniline	13.722	65	182395	22.236	ng/ul	97
47) Dimethylphthalate	14.069	163	801228	20.856	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	146489	20.857	ng/ul	92
50) Acenaphthylene	14.334	152	1056829	21.304	ng/ul	100
51) 3-Nitroaniline	14.551	138	151161	20.118	ng/ul	95
52) Acenaphthene	14.669	153	700507	21.339	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	69687	14.166	ng/ul	98
55) 4-Nitrophenol	14.840	109	112961	19.296	ng/ul	100
56) Dibenzofuran	15.004	168	997514	21.989	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	229835	21.976	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.222	232	204523	21.794	ng/ul	97
59) Diethylphthalate	15.422	149	802129	21.148	ng/ul	99
61) Fluorene	15.657	166	819690	21.855	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	426655	22.375	ng/ul	97
63) 4-Nitroaniline	15.722	138	148097	21.202	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	132657	18.099	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	675422	21.250	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	253493	21.755	ng/ul	98
69) Hexachlorobenzene	16.634	284	297770	21.590	ng/ul	99
70) Atrazine	16.834	200	252201	21.920	ng/ul	98
71) Pentachlorophenol	16.998	266	174546	19.474	ng/ul	99
72) Phenanthrene	17.416	178	1338901	21.796	ng/ul	99
74) Anthracene	17.510	178	1358352	21.832	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	359826	21.290	ng/uL	99
76) Pentachlorobenzene	14.898	250	333355	21.737	ng/uL	99
77) Carbazole	17.798	167	1181238	21.622	ng/ul	100
78) Di-n-butylphthalate	18.310	149	1377544	22.128	ng/ul	99
80) Fluoranthene	19.386	202	1606648	21.420	ng/ul	100
82) Pyrene	19.745	202	1730489	21.834	ng/ul	100
83) Butylbenzylphthalate	20.604	149	592927	20.976	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	433895	17.296	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1712874	21.379	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	861714	21.717	ng/ul	100
87) Chrysene	21.516	228	1590685	21.343	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1432053	21.281	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1570798	21.958	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	1558593	21.916	ng/ul	100
93) Benzo(a)pyrene	23.886	252	1448845	21.830	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	1594503	21.696	ng/ul	98
95) Dibenzo(a,h)anthracene	26.692	278	1326863	21.493	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	1252931	22.047	ng/ul	98

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

