

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017408.D
 Acq On : 27 Sep 2023 22:16
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020756

Quant Time: Sep 27 23:44:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/28/2023
 Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	223850	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.740	136	955083	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	570318	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1177557	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1069936	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1188059	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	40349	7.404	ng/uL	0.00
4) Pyridine-d5	3.722	84	303741	19.936	ng/u1	0.00
7) Phenol-d5	7.075	99	382009	20.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	237587	21.414	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	309301	21.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	311453	21.790	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	153830	22.279	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	168749	22.508	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	319467	22.554	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	430702	20.991	ng/u1	-0.01
46) Dimethylphthalate-d6	13.992	166	887616	21.726	ng/u1	-0.01
49) Acenaphthylene-d8	14.281	160	1016439	21.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	123148	17.301	ng/u1	0.00
60) Fluorene-d10	15.575	176	739461	21.023	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	125221	18.867	ng/u1	0.00
73) Anthracene-d10	17.451	188	1101040	21.082	ng/u1	0.00
81) Pyrene-d10	19.692	212	1258152	21.745	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1217726	21.288	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	42385	7.594	ng/uL	94
5) Pyridine	3.746	79	314648	19.893	ng/u1	99
6) Benzaldehyde	7.081	77	232879	24.822	ng/u1	97
8) Phenol	7.105	94	385629	20.855	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.357	93	319052	21.345	ng/u1	96
12) 2-Chlorophenol	7.475	128	311940	21.066	ng/u1	99
13) 2-Methylphenol	8.363	108	295164	21.572	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	416925m	22.055	ng/u1	
16) Acetophenone	8.769	105	494244	22.377	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.740	70	258626	23.462	ng/u1	98
18) 4-Methylphenol	8.699	108	317936	21.686	ng/u1	98
19) Hexachloroethane	8.981	117	130285	21.194	ng/u1	99
22) Nitrobenzene	9.163	77	380037	21.691	ng/u1	97
23) Isophorone	9.669	82	704339	22.435	ng/u1	99
25) 2-Nitrophenol	9.863	139	181875	22.387	ng/u1	99
26) 2,4-Dimethylphenol	9.904	107	354325	21.890	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.157	93	434335	21.431	ng/u1	97
29) 2,4-Dichlorophenol	10.381	162	308814	22.113	ng/u1	97
30) Naphthalene	10.793	128	1034385	20.800	ng/u1	99
32) 4-Chloroaniline	10.934	127	416018	21.158	ng/u1	98
33) Hexachlorobutadiene	11.016	225	213595	21.976	ng/u1	95
34) Caprolactam	11.751	113	83848	20.779	ng/u1	98
35) 4-Chloro-3-methylphenol	12.034	107	313818	22.356	ng/u1	100
36) 2-Methylnaphthalene	12.398	142	695708	21.434	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	712594	21.477	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	395962	21.634	ng/ul	97
40) Hexachlorocyclopentadiene	12.692	237	190596	18.401	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	250457	22.559	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	258264	22.204	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	911631	21.068	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	731816	21.333	ng/ul	99
45) 2-Nitroaniline	13.698	65	189479	22.484	ng/ul	96
47) Dimethylphthalate	14.045	163	885147	21.507	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	166684	23.318	ng/ul	95
50) Acenaphthylene	14.310	152	1163936	21.183	ng/ul	100
51) 3-Nitroaniline	14.528	138	161484	20.992	ng/ul	96
52) Acenaphthene	14.645	153	754888	20.803	ng/ul	98
53) 2,4-Dinitrophenol	14.734	184	79142	17.699	ng/ul	95
55) 4-Nitrophenol	14.822	109	103931	18.690	ng/ul	95
56) Dibenzofuran	14.981	168	1045897	21.047	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	238667	22.667	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.198	232	212932	21.575	ng/ul	97
59) Diethylphthalate	15.398	149	855143	21.493	ng/ul	99
61) Fluorene	15.634	166	845873	20.950	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	436253	21.319	ng/ul	99
63) 4-Nitroaniline	15.698	138	146272	21.305	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.728	198	135060	18.864	ng/ul	99
67) N-Nitrosodiphenylamine	15.851	169	692369	21.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	262331	22.175	ng/ul	100
69) Hexachlorobenzene	16.610	284	301454	21.960	ng/ul	98
70) Atrazine	16.810	200	244871	21.102	ng/ul	99
71) Pentachlorophenol	16.980	266	170858	20.149	ng/ul	99
72) Phenanthrene	17.392	178	1264162	20.497	ng/ul	99
74) Anthracene	17.486	178	1301876	20.827	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	400685	22.171	ng/ul	96
76) Pentachlorobenzene	14.875	250	381965	22.373	ng/ul	99
77) Carbazole	17.775	167	1113205	20.022	ng/ul	98
78) Di-n-butylphthalate	18.286	149	1359837	22.242	ng/ul	99
80) Fluoranthene	19.363	202	1464928	21.710	ng/ul	99
82) Pyrene	19.722	202	1539571	21.463	ng/ul	100
83) Butylbenzylphthalate	20.580	149	598139	23.517	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.380	252	473718	20.378	ng/ul	99
85) Benzo(a)anthracene	21.439	228	1542099	21.355	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	888781	24.197	ng/ul	100
87) Chrysene	21.492	228	1425589	20.977	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	1493453	22.852	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	1492275	21.304	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	1473110	20.845	ng/ul	99
93) Benzo(a)pyrene	23.851	252	1403616	20.944	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	1695613	20.185	ng/ul	98
95) Dibenzo(a,h)anthracene	26.639	278	1407445	20.116	ng/ul	97
96) Benzo(g,h,i)perylene	27.445	276	1359969	20.076	ng/ul	98

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

