

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022110.D
 Acq On : 28 Sep 2024 18:33
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Quant Time: Sep 29 04:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	98518	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.451	136	382726	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	313244	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	775689	20.000	ng/u1	-0.01
79) Chrysene-d12	21.557	240	886935	20.000	ng/u1	0.02
88) Perylene-d12	24.851	264	1322486	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	18577	7.386	ng/uL	-0.02
4) Pyridine-d5	3.617	84	136404	18.973	ng/u1	-0.02
7) Phenol-d5	6.869	99	155926	19.348	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.022	67	95174	19.179	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.222	132	121726	20.877	ng/u1	-0.02
15) 4-Methylphenol-d8	8.381	113	127035	19.893	ng/u1	-0.02
21) Nitrobenzene-d5	8.828	128	60786	21.220	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.540	143	69869	21.512	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.075	165	150397	21.322	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.581	131	164304	19.523	ng/u1	-0.02
46) Dimethylphthalate-d6	13.716	166	486906	20.108	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	513686	20.037	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	74370	17.956	ng/u1	0.00
60) Fluorene-d10	15.316	176	437655	20.433	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	90507	18.794	ng/u1	-0.01
73) Anthracene-d10	17.216	188	732995	20.242	ng/u1	0.00
81) Pyrene-d10	19.592	212	939911	20.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	1418589	20.394	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	19124	7.019	ng/uL	98
5) Pyridine	3.640	79	138429	18.952	ng/u1	99
6) Benzaldehyde	6.834	77	112513	24.680	ng/u1	96
8) Phenol	6.893	94	161877	19.248	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.111	93	124983	19.417	ng/u1	97
12) 2-Chlorophenol	7.252	128	122054	20.192	ng/u1	98
13) 2-Methylphenol	8.122	108	121034	19.843	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.199	45	111841	18.730	ng/u1	97
16) Acetophenone	8.493	105	214971	20.238	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.481	70	112457	20.422	ng/u1	96
18) 4-Methylphenol	8.446	108	131183	19.722	ng/u1	98
19) Hexachloroethane	8.752	117	58392	20.464	ng/u1	97
22) Nitrobenzene	8.869	77	171808	19.617	ng/u1	100
23) Isophorone	9.393	82	306945	20.234	ng/u1	98
25) 2-Nitrophenol	9.569	139	75134	21.620	ng/u1	97
26) 2,4-Dimethylphenol	9.634	107	161731	20.543	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	173449	19.835	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	148291	21.161	ng/u1	96
30) Naphthalene	10.504	128	408136	20.267	ng/u1	98
32) 4-Chloroaniline	10.604	127	166646	19.993	ng/u1	100
33) Hexachlorobutadiene	10.787	225	131704	21.168	ng/u1	99
34) Caprolactam	11.381	113	39854m	18.748	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	154999	20.445	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	310288	20.733	ng/u1	99

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37) 1-Methylnaphthalene	12.328	142	313461	20.768	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	237500	20.450	ng/ul	96
40) Hexachlorocyclopentadiene	12.469	237	145406	19.904	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	145462	20.952	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	160925	21.405	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	449849	20.082	ng/ul#	98
44) 2-Chloronaphthalene	13.175	162	361275	20.031	ng/ul	98
45) 2-Nitroaniline	13.375	65	106091	20.343	ng/ul	96
47) Dimethylphthalate	13.769	163	483944	19.898	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	95407	20.463	ng/ul	100
50) Acenaphthylene	14.028	152	533912	19.971	ng/ul	99
51) 3-Nitroaniline	14.222	138	82807	19.508	ng/ul	99
52) Acenaphthene	14.375	153	385733	19.857	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	66421	20.937	ng/ul	94
55) 4-Nitrophenol	14.545	109	94307	20.126	ng/ul	86
56) Dibenzofuran	14.710	168	584868	20.252	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	151170	21.039	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.951	232	155256	21.453	ng/ul	97
59) Diethylphthalate	15.157	149	489175	20.323	ng/ul	98
61) Fluorene	15.375	166	477127	19.866	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	281595	20.365	ng/ul	97
63) 4-Nitroaniline	15.392	138	91702	21.226	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.451	198	98735	18.832	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	413012	20.216	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	199265	21.392	ng/ul	99
69) Hexachlorobenzene	16.404	284	248721	21.990	ng/ul	96
70) Atrazine	16.575	200	189366	20.778	ng/ul	98
71) Pentachlorophenol	16.751	266	155815	20.647	ng/ul	99
72) Phenanthrene	17.151	178	821116	20.189	ng/ul	99
74) Anthracene	17.251	178	825998	19.957	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	236849	20.348	ng/uL	96
76) Pentachlorobenzene	14.640	250	269548	21.057	ng/uL	99
77) Carbazole	17.522	167	712665	19.537	ng/ul	99
78) Di-n-butylphthalate	18.122	149	843623	20.060	ng/ul	99
80) Fluoranthene	19.239	202	1089919	20.752	ng/ul	98
82) Pyrene	19.622	202	1186440	20.987	ng/ul#	95
83) Butylbenzylphthalate	20.586	149	408693	20.744	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	424431	20.900	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1242059	20.320	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	587679	20.330	ng/ul	99
87) Chrysene	21.604	228	1168350	20.367	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	1005970	15.398	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	1630162	19.857	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	1613459	19.719	ng/ul#	98
93) Benzo(a)pyrene	24.686	252	1503744	19.878	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	2032125m	20.603	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	1633707	20.561	ng/ul#	97
96) Benzo(g,h,i)perylene	29.721	276	1566229m	20.465	ng/ul	

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

