

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020209.D
 Acq On : 06 May 2024 16:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020782

Quant Time: May 06 17:34:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	104726	20.000	ng/u1	0.02
20) Naphthalene-d8	10.393	136	447185	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.292	164	320684	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	715715	20.000	ng/u1	-0.01
79) Chrysene-d12	21.616	240	661630	20.000	ng/u1	-0.02
88) Perylene-d12	24.968	264	623416	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	18866	7.608	ng/uL	0.00
4) Pyridine-d5	3.616	84	133777	18.567	ng/u1	0.01
7) Phenol-d5	6.810	99	170174	18.921	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.975	67	106485	19.491	ng/u1	0.02
11) 2-Chlorophenol-d4	7.163	132	126573	19.687	ng/u1	0.02
15) 4-Methylphenol-d8	8.328	113	140210	19.283	ng/u1	0.02
21) Nitrobenzene-d5	8.781	128	66887	19.974	ng/u1	0.02
24) 2-Nitrophenol-d4	9.493	143	79807	20.812	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.028	165	145105	20.736	ng/u1	0.02
31) 4-Chloroaniline-d4	10.546	131	189894	19.389	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	470768	20.103	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	521374	20.154	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	65358	18.159	ng/u1	0.00
60) Fluorene-d10	15.316	176	396634	20.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	89397	19.683	ng/u1	0.00
73) Anthracene-d10	17.233	188	637605	20.593	ng/u1	0.00
81) Pyrene-d10	19.633	212	755102	19.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	593860	19.701	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	21180	7.527	ng/uL	96
5) Pyridine	3.634	79	133249	18.284	ng/u1	95
6) Benzaldehyde	6.799	77	100866	22.312	ng/u1	98
8) Phenol	6.834	94	178385	19.217	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	142560	19.626	ng/u1	98
12) 2-Chlorophenol	7.193	128	132220	19.697	ng/u1	97
13) 2-Methylphenol	8.069	108	132758	19.173	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	178876	19.741	ng/u1	98
16) Acetophenone	8.446	105	237159	19.652	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	131770	20.121	ng/u1	98
18) 4-Methylphenol	8.393	108	146171	19.422	ng/u1	95
19) Hexachloroethane	8.669	117	60073	19.569	ng/u1	96
22) Nitrobenzene	8.822	77	188784	19.638	ng/u1	99
23) Isophorone	9.340	82	368319	19.926	ng/u1	99
25) 2-Nitrophenol	9.522	139	82112	20.672	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	172804	19.941	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	206275	20.129	ng/u1	98
29) 2,4-Dichlorophenol	10.057	162	140406	20.628	ng/u1	99
30) Naphthalene	10.440	128	461324	20.014	ng/u1	99
32) 4-Chloroaniline	10.569	127	185469	19.366	ng/u1	98
33) Hexachlorobutadiene	10.704	225	108096	20.446	ng/u1	95
34) Caprolactam	11.387	113	48837m	20.549	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	174582	20.600	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	324483	20.233	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	330006	20.448	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	199015	19.899	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	89123	16.385	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	127714	20.363	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	138944	20.587	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	444731	19.608	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	352335	19.576	ng/ul	100
45) 2-Nitroaniline	13.381	65	122322	20.489	ng/ul	95
47) Dimethylphthalate	13.757	163	479690	20.279	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	96995	20.627	ng/ul	96
50) Acenaphthylene	14.004	152	579548	19.918	ng/ul	99
51) 3-Nitroaniline	14.234	138	88897	20.269	ng/ul	98
52) Acenaphthene	14.357	153	388538	19.870	ng/ul	100
53) 2,4-Dinitrophenol	14.463	184	54760	18.972	ng/ul	94
55) 4-Nitrophenol	14.563	109	73141	19.518	ng/ul	98
56) Dibenzofuran	14.710	168	546135	20.308	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	147368	21.797	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	127297	21.004	ng/ul	96
59) Diethylphthalate	15.157	149	491484	20.815	ng/ul	99
61) Fluorene	15.375	166	459798	20.577	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	251275	21.196	ng/ul	96
63) 4-Nitroaniline	15.439	138	77698	21.258	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	94588	19.973	ng/ul	98
67) N-Nitrosodiphenylamine	15.604	169	386503	19.395	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	159508	20.575	ng/ul	96
69) Hexachlorobenzene	16.398	284	181973	20.266	ng/ul	98
70) Atrazine	16.604	200	137348	19.437	ng/ul	100
71) Pentachlorophenol	16.769	266	105948	19.521	ng/ul	97
72) Phenanthrene	17.175	178	741714	20.312	ng/ul	99
74) Anthracene	17.269	178	748959	20.165	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	202158	19.005	ng/uL	98
76) Pentachlorobenzene	14.616	250	204845	19.244	ng/uL	99
77) Carbazole	17.569	167	653747	20.432	ng/ul	99
78) Di-n-butylphthalate	18.163	149	848378	21.875	ng/ul	100
80) Fluoranthene	19.286	202	898726	19.746	ng/ul	99
82) Pyrene	19.663	202	918676	19.399	ng/ul	100
83) Butylbenzylphthalate	20.645	149	378590	21.059	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	275412	20.453	ng/ul	98
85) Benzo(a)anthracene	21.598	228	899416	20.042	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	556246	21.448	ng/ul	97
87) Chrysene	21.663	228	831241	19.985	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	897347	22.476	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	788982	21.275	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	769276	20.355	ng/ul	99
93) Benzo(a)pyrene	24.815	252	695703	19.716	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	766607m	17.723	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	643826m	17.995	ng/ul	
96) Benzo(g,h,i)perylene	29.968	276	604158	17.317	ng/ul	99

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

