

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020111.D
 Acq On : 23 Apr 2024 21:15
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Quant Time: Apr 24 02:09:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	116577	20.000	ng/u1	0.00
20) Naphthalene-d8	10.411	136	440336	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	271735	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.151	188	576532	20.000	ng/u1	-0.01
79) Chrysene-d12	21.657	240	576562	20.000	ng/u1	0.00
88) Perylene-d12	25.057	264	630624	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.229	96	22634	8.821	ng/uL	0.00
4) Pyridine-d5	3.628	84	157530	20.472	ng/u1	0.00
7) Phenol-d5	6.817	99	194257	19.869	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	133402	20.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.170	132	146125	20.672	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	149615	19.923	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	71032	21.668	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	80153	21.164	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	149391	21.368	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	181335	20.837	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	383844	20.215	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	455883	20.457	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	51797	18.230	ng/u1	0.00
60) Fluorene-d10	15.334	176	336299	20.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	56928	20.582	ng/u1	0.00
73) Anthracene-d10	17.257	188	533895	20.910	ng/u1	0.00
81) Pyrene-d10	19.663	212	669367	20.402	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.822	264	649188	21.175	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	24963	8.430	ng/uL	98
5) Pyridine	3.646	79	165129	20.966	ng/u1	94
6) Benzaldehyde	6.805	77	137010	24.646	ng/u1	97
8) Phenol	6.840	94	202928	19.873	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.075	93	169277	20.768	ng/u1	100
12) 2-Chlorophenol	7.205	128	149312	20.382	ng/u1	97
13) 2-Methylphenol	8.075	108	148897	20.087	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	234904	20.723	ng/u1	99
16) Acetophenone	8.458	105	246235	19.967	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	142344	20.344	ng/u1	99
18) 4-Methylphenol	8.405	108	157755	20.017	ng/u1	100
19) Hexachloroethane	8.681	117	72480	20.206	ng/u1	95
22) Nitrobenzene	8.834	77	213171	21.351	ng/u1	98
23) Isophorone	9.352	82	379501	21.049	ng/u1	100
25) 2-Nitrophenol	9.540	139	82269	20.971	ng/u1	99
26) 2,4-Dimethylphenol	9.593	107	180484	21.108	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	222119	21.547	ng/u1	95
29) 2,4-Dichlorophenol	10.069	162	142514	20.804	ng/u1	98
30) Naphthalene	10.458	128	469610	20.542	ng/u1	99
32) 4-Chloroaniline	10.587	127	181756	21.300	ng/u1	100
33) Hexachlorobutadiene	10.722	225	124961	21.525	ng/u1	99
34) Caprolactam	11.399	113	39604m	20.181	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	154124	19.836	ng/u1	96
36) 2-Methylnaphthalene	12.087	142	311222	20.578	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.305	142	310676	20.638	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	199860	21.023	ng/ul	96
40) Hexachlorocyclopentadiene	12.416	237	72044	20.986	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	119462	20.958	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	123500	20.889	ng/ul	92
43) 1,1'-Biphenyl	13.122	154	411170	20.913	ng/ul	98
44) 2-Chloronaphthalene	13.163	162	331898	20.842	ng/ul	100
45) 2-Nitroaniline	13.393	65	107124	20.552	ng/ul	97
47) Dimethylphthalate	13.775	163	393417	20.364	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	81152	21.014	ng/ul	96
50) Acenaphthylene	14.028	152	505921	20.298	ng/ul	99
51) 3-Nitroaniline	14.246	138	76806	20.156	ng/ul	93
52) Acenaphthene	14.381	153	336243	20.492	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	30941	18.852	ng/ul	98
55) 4-Nitrophenol	14.581	109	63336	21.393	ng/ul	95
56) Dibenzofuran	14.728	168	467506	20.586	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	114087	20.830	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	109096	20.682	ng/ul	98
59) Diethylphthalate	15.175	149	384764	20.248	ng/ul	99
61) Fluorene	15.398	166	374009	20.035	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.393	204	205856	20.293	ng/ul	98
63) 4-Nitroaniline	15.446	138	75438	20.771	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	58839	20.319	ng/ul#	96
67) N-Nitrosodiphenylamine	15.616	169	317140	20.871	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	132093	21.020	ng/ul	96
69) Hexachlorobenzene	16.422	284	149526	21.014	ng/ul	98
70) Atrazine	16.622	200	124795	21.190	ng/ul	99
71) Pentachlorophenol	16.793	266	90211	20.297	ng/ul	98
72) Phenanthrene	17.192	178	610785	20.661	ng/ul	99
74) Anthracene	17.298	178	628620	20.934	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	194762	20.890	ng/uL	99
76) Pentachlorobenzene	14.634	250	176124	20.403	ng/uL	98
77) Carbazole	17.592	167	548315	20.737	ng/ul	98
78) Di-n-butylphthalate	18.192	149	670885	20.982	ng/ul	99
80) Fluoranthene	19.310	202	776407	20.326	ng/ul	99
82) Pyrene	19.692	202	814193	20.456	ng/ul	99
83) Butylbenzylphthalate	20.663	149	330851	20.665	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.569	252	252954	23.352	ng/ul	98
85) Benzo(a)anthracene	21.633	228	831931	20.810	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.586	149	477176	20.272	ng/ul	99
87) Chrysene	21.704	228	767058	20.741	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	821981	20.794	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	786057	20.596	ng/ul	100
91) Benzo(k)fluoranthene	24.045	252	777557	20.801	ng/ul	100
93) Benzo(a)pyrene	24.892	252	736574	20.646	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.910	276	883150m	20.714	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	733722m	20.922	ng/ul	
96) Benzo(g,h,i)perylene	30.104	276	700612m	20.734	ng/ul	

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

