

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021366.D
 Acq On : 05 Aug 2024 09:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020727

Quant Time: Aug 06 03:52:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	148404	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	582073	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	356985	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	755241	20.000	ng/ul	-0.02
79) Chrysene-d12	21.527	240	849367	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1043078	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	28331	8.687	ng/uL	-0.01
4) Pyridine-d5	3.581	84	176904	18.737	ng/ul	-0.01
7) Phenol-d5	6.840	99	210749	17.419	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	135381	18.464	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	183538	18.412	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	162680	16.189	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	81704	18.072	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	92176	17.813	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.051	165	166213	17.764	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	220525	17.790	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	468443	18.051	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	543872	18.665	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.592	143	76079	20.605	ng/ul	0.00
60) Fluorene-d10	15.275	176	407589	19.145	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	72015	15.760	ng/ul	0.00
73) Anthracene-d10	17.186	188	657551	19.603	ng/ul	0.00
81) Pyrene-d10	19.569	212	826247	15.735	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	963011	18.719	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	31056	8.659	ng/uL	96
5) Pyridine	3.605	79	184484	18.944	ng/ul	95
6) Benzaldehyde	6.799	77	140140	22.975	ng/ul	96
8) Phenol	6.869	94	219749	17.949	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.057	93	180052	17.803	ng/ul	97
12) 2-Chlorophenol	7.205	128	182150	18.231	ng/ul	97
13) 2-Methylphenol	8.087	108	166915	17.629	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.128	45	271232	18.563	ng/ul#	93
16) Acetophenone	8.446	105	268905	17.338	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.422	70	134457	16.546	ng/ul	99
18) 4-Methylphenol	8.422	108	175508	17.302	ng/ul	96
19) Hexachloroethane	8.657	117	83570	18.614	ng/ul	93
22) Nitrobenzene	8.822	77	207206	19.132	ng/ul	97
23) Isophorone	9.328	82	360740	16.755	ng/ul	97
25) 2-Nitrophenol	9.522	139	98037	18.166	ng/ul	95
26) 2,4-Dimethylphenol	9.593	107	196167	18.433	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.810	93	227146	17.356	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	157771	17.109	ng/ul	98
30) Naphthalene	10.428	128	584327	19.085	ng/ul	99
32) 4-Chloroaniline	10.581	127	216331	18.276	ng/ul	97
33) Hexachlorobutadiene	10.681	225	128021	18.515	ng/ul	99
34) Caprolactam	11.398	113	47017m	16.551	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	171995	17.159	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	375988	17.890	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	386036	17.859	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	220687	19.036	ng/ul	96
40) Hexachlorocyclopentadiene	12.369	237	126842	20.915	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	126369	17.250	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	128487	16.577	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	485671	18.616	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	393412	18.889	ng/ul	98
45) 2-Nitroaniline	13.375	65	110413	19.170	ng/ul	93
47) Dimethylphthalate	13.716	163	473042	17.965	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	91643	17.408	ng/ul	95
50) Acenaphthylene	13.975	152	624909	18.941	ng/ul	99
51) 3-Nitroaniline	14.228	138	85201	18.598	ng/ul	95
52) Acenaphthene	14.316	153	413563	18.886	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	76015	27.495	ng/ul	95
55) 4-Nitrophenol	14.622	109	55863m	18.600	ng/ul	
56) Dibenzofuran	14.669	168	571729	19.066	ng/ul	96
57) 2,4-Dinitrotoluene	14.686	165	138643	19.185	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.922	232	116600	17.568	ng/ul	98
59) Diethylphthalate	15.098	149	459596	17.465	ng/ul	99
61) Fluorene	15.334	166	462466	18.899	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	236679	17.825	ng/ul	98
63) 4-Nitroaniline	15.410	138	85439m	22.521	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	75222	15.523	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	392272	17.837	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	149273	16.863	ng/ul	97
69) Hexachlorobenzene	16.357	284	179869	17.721	ng/ul	97
70) Atrazine	16.539	200	144056	17.973	ng/ul	99
71) Pentachlorophenol	16.739	266	145018	26.306	ng/ul	95
72) Phenanthrene	17.122	178	766652	19.568	ng/ul	99
74) Anthracene	17.222	178	771433	19.314	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	214956	17.783	ng/uL	99
76) Pentachlorobenzene	14.586	250	210892	17.557	ng/uL	98
77) Carbazole	17.533	167	677745	20.757	ng/ul	99
78) Di-n-butylphthalate	18.075	149	769498	17.082	ng/ul	99
80) Fluoranthene	19.222	202	984100	15.518	ng/ul	99
82) Pyrene	19.598	202	1016391	15.750	ng/ul	95
83) Butylbenzylphthalate	20.539	149	400052	14.879	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	379354	19.546	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1101524	18.513	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	590993	15.274	ng/ul	99
87) Chrysene	21.574	228	1061059	19.192	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	1071123	15.545	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1120928	17.708	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1172593	18.562	ng/ul	100
93) Benzo(a)pyrene	24.668	252	1118922	18.706	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.568	276	1407291	18.258	ng/ul	99
95) Dibenzo(a,h)anthracene	28.609	278	1170715m	18.342	ng/ul	
96) Benzo(g,h,i)perylene	29.768	276	1140200	18.164	ng/ul	98

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

