

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021044.D
 Acq On : 18 Jul 2024 13:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020695

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 18 14:24:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	143356	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	562918	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	363392	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	799588	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	785702	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	966913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	24853	7.889	ng/uL	0.00
4) Pyridine-d5	3.658	84	166201	18.223	ng/u1	0.00
7) Phenol-d5	6.905	99	203546	17.416	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	116922	16.508	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	168826	17.532	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	165673	17.067	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	81075	18.543	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	93583	18.701	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	165280	18.265	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	223610	18.653	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	491530	18.607	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	555134	18.715	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	91728m	24.405	ng/u1	0.00
60) Fluorene-d10	15.322	176	418584	19.315	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	81521	16.850	ng/u1	0.00
73) Anthracene-d10	17.228	188	668741	18.830	ng/u1	0.00
81) Pyrene-d10	19.616	212	790596	16.276	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	872794	18.302	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	25390	7.328	ng/uL	92
5) Pyridine	3.675	79	169510	18.020	ng/u1	98
6) Benzaldehyde	6.857	77	124031	21.050	ng/u1	98
8) Phenol	6.934	94	203921	17.243	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.134	93	162520	16.635	ng/u1	98
12) 2-Chlorophenol	7.275	128	169618	17.575	ng/u1	99
13) 2-Methylphenol	8.152	108	158176	17.294	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	231318m	16.388	ng/u1	
16) Acetophenone	8.504	105	256758	17.138	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.481	70	127891	16.292	ng/u1	98
18) 4-Methylphenol	8.481	108	170477	17.398	ng/u1	95
19) Hexachloroethane	8.734	117	71346	16.451	ng/u1	97
22) Nitrobenzene	8.887	77	188967	18.042	ng/u1	98
23) Isophorone	9.399	82	359373	17.259	ng/u1	100
25) 2-Nitrophenol	9.581	139	98454	18.864	ng/u1	94
26) 2,4-Dimethylphenol	9.657	107	189314	18.395	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	215905	17.059	ng/u1	98
29) 2,4-Dichlorophenol	10.134	162	163090	18.288	ng/u1	98
30) Naphthalene	10.504	128	538895	18.200	ng/u1	99
32) 4-Chloroaniline	10.628	127	212986	18.606	ng/u1	100
33) Hexachlorobutadiene	10.757	225	118854	17.774	ng/u1	96
34) Caprolactam	11.434	113	55229	20.104	ng/u1	100
35) 4-Chloro-3-methylphenol	11.769	107	179551	18.522	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	364669	17.942	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	377714	18.069	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	217410	18.422	ng/ul	97
40) Hexachlorocyclopentadiene	12.440	237	112884	18.285	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	135607	18.185	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	142752	18.093	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	484521	18.244	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	390394	18.414	ng/ul	99
45) 2-Nitroaniline	13.410	65	112600	19.205	ng/ul	97
47) Dimethylphthalate	13.769	163	496734	18.532	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	101273	18.898	ng/ul	96
50) Acenaphthylene	14.028	152	631103	18.792	ng/ul	100
51) 3-Nitroaniline	14.251	138	100766	21.608	ng/ul	95
52) Acenaphthene	14.375	153	416535	18.686	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	39428	14.010	ng/ul	97
55) 4-Nitrophenol	14.628	109	62669	20.498	ng/ul#	80
56) Dibenzofuran	14.716	168	572822	18.766	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	147203	20.010	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.975	232	118191	17.493	ng/ul	99
59) Diethylphthalate	15.151	149	494250	18.451	ng/ul	98
61) Fluorene	15.381	166	479191	19.238	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	246016	18.201	ng/ul	98
63) 4-Nitroaniline	15.434	138	102064	26.429	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.498	198	86712	16.901	ng/ul#	96
67) N-Nitrosodiphenylamine	15.604	169	404221	17.360	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	159410	17.009	ng/ul	99
69) Hexachlorobenzene	16.404	284	188834	17.572	ng/ul	97
70) Atrazine	16.586	200	164535	19.389	ng/ul	99
71) Pentachlorophenol	16.775	266	80584m	13.807	ng/ul	
72) Phenanthrene	17.169	178	777612	18.747	ng/ul	100
74) Anthracene	17.263	178	792033	18.730	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	212977	16.642	ng/uL	98
76) Pentachlorobenzene	14.634	250	217705	17.119	ng/uL	99
77) Carbazole	17.563	167	711764	20.590	ng/ul	100
78) Di-n-butylphthalate	18.122	149	879487	18.441	ng/ul	100
80) Fluoranthene	19.263	202	932028	15.888	ng/ul	99
82) Pyrene	19.645	202	977329	16.372	ng/ul	99
83) Butylbenzylphthalate	20.586	149	416254	16.736	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	334624	18.638	ng/ul	99
85) Benzo(a)anthracene	21.563	228	983606	17.871	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	601932	16.818	ng/ul	98
87) Chrysene	21.627	228	950230	18.580	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	1062374	16.632	ng/ul	100
90) Benzo(b)fluoranthene	23.851	252	1041730	17.754	ng/ul	99
91) Benzo(k)fluoranthene	23.921	252	1036439	17.699	ng/ul	98
93) Benzo(a)pyrene	24.762	252	990208	17.858	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.703	276	1280112m	17.916	ng/ul	
95) Dibenzo(a,h)anthracene	28.739	278	1068457	18.058	ng/ul	99
96) Benzo(g,h,i)perylene	29.850	276	1050948m	18.060	ng/ul	

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

