

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100824\
 Data File : BP022265.D
 Acq On : 08 Oct 2024 10:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020791

Quant Time: Oct 08 11:32:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	80815	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	304317	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	239611	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	616091	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	724791	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	889010	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	16087	7.735	ng/uL	0.00
4) Pyridine-d5	3.634	84	116324	20.375	ng/u1	0.00
7) Phenol-d5	6.881	99	130433	19.174	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	78169	19.551	ng/u1	0.00
11) 2-Chlorophenol-d4	7.245	132	99211	20.553	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	102059	18.799	ng/u1	0.00
21) Nitrobenzene-d5	8.839	128	47844	20.447	ng/u1	0.00
24) 2-Nitrophenol-d4	9.545	143	54327	20.054	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.086	165	115206	20.009	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.586	131	131193	19.284	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	379650	19.942	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	405815	20.070	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	63442	19.864	ng/u1	0.00
60) Fluorene-d10	15.322	176	339699	20.572	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	77320	19.082	ng/u1	-0.02
73) Anthracene-d10	17.216	188	591012	20.392	ng/u1	0.00
81) Pyrene-d10	19.592	212	748319	19.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	912117	19.211	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	18076	8.084	ng/uL	99
5) Pyridine	3.657	79	118091	20.173	ng/u1	97
6) Benzaldehyde	6.857	77	79232	21.553	ng/u1	99
8) Phenol	6.910	94	131551	18.587	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.128	93	103688	19.575	ng/u1	99
12) 2-Chlorophenol	7.275	128	99131	19.860	ng/u1	97
13) 2-Methylphenol	8.140	108	96049	18.700	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	116614	18.943	ng/u1	99
16) Acetophenone	8.510	105	171797	19.168	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.492	70	88712	19.536	ng/u1	99
18) 4-Methylphenol	8.463	108	105688	18.548	ng/u1	93
19) Hexachloroethane	8.763	117	45647	19.636	ng/u1	95
22) Nitrobenzene	8.881	77	139606	19.988	ng/u1	98
23) Isophorone	9.404	82	250647	20.015	ng/u1	99
25) 2-Nitrophenol	9.575	139	55943	19.161	ng/u1	91
26) 2,4-Dimethylphenol	9.645	107	127986	20.169	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.869	93	140188	19.716	ng/u1	97
29) 2,4-Dichlorophenol	10.116	162	110698	19.524	ng/u1	100
30) Naphthalene	10.504	128	323952	19.986	ng/u1	97
32) 4-Chloroaniline	10.610	127	129127	19.228	ng/u1	94
33) Hexachlorobutadiene	10.792	225	94164	19.705	ng/u1	98
34) Caprolactam	11.398	113	33907m	18.549	ng/u1	
35) 4-Chloro-3-methylphenol	11.739	107	123281	19.928	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	240656	20.227	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	243418	20.044	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.486	216	172273	19.444	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	106728	19.772	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	107439	19.279	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	118280	19.933	ng/ul	94
43) 1,1'-Biphenyl	13.139	154	346850	20.083	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	282500	19.981	ng/ul	98
45) 2-Nitroaniline	13.380	65	81779	19.371	ng/ul	98
47) Dimethylphthalate	13.763	163	380825	20.075	ng/ul	100
48) 2,6-Dinitrotoluene	13.886	165	74717	20.823	ng/ul	97
50) Acenaphthylene	14.027	152	444375	21.175	ng/ul	99
51) 3-Nitroaniline	14.222	138	65737	19.506	ng/ul	98
52) Acenaphthene	14.369	153	302498	20.385	ng/ul	99
53) 2,4-Dinitrophenol	14.427	184	46227	17.510	ng/ul	98
55) 4-Nitrophenol	14.545	109	71150	20.072	ng/ul	97
56) Dibenzofuran	14.710	168	444274	19.931	ng/ul	98
57) 2,4-Dinitrotoluene	14.680	165	116014	20.807	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	116459	21.026	ng/ul	98
59) Diethylphthalate	15.151	149	379997	20.879	ng/ul	99
61) Fluorene	15.374	166	377704	20.796	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	214141	20.618	ng/ul	97
63) 4-Nitroaniline	15.386	138	69400	20.465	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	82277	18.852	ng/ul	95
67) N-Nitrosodiphenylamine	15.592	169	322414	19.542	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	147169	19.809	ng/ul	91
69) Hexachlorobenzene	16.398	284	183551	20.071	ng/ul	99
70) Atrazine	16.569	200	126802	18.490	ng/ul	94
71) Pentachlorophenol	16.757	266	110484	18.789	ng/ul	96
72) Phenanthrene	17.151	178	662122	20.088	ng/ul	99
74) Anthracene	17.251	178	668694	20.329	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	171754	18.309	ng/uL	97
76) Pentachlorobenzene	14.639	250	191654	18.481	ng/uL	100
77) Carbazole	17.521	167	585174	20.105	ng/ul	99
78) Di-n-butylphthalate	18.121	149	661629	20.544	ng/ul	100
80) Fluoranthene	19.245	202	873458	19.823	ng/ul	99
82) Pyrene	19.615	202	937841	19.858	ng/ul	100
83) Butylbenzylphthalate	20.568	149	321562	19.557	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	343925	19.906	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1004824	19.776	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	470082	19.917	ng/ul	99
87) Chrysene	21.598	228	932606	19.795	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	798897	18.892	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1086221	19.411	ng/ul	100
91) Benzo(k)fluoranthene	23.862	252	1091498	19.922	ng/ul	100
93) Benzo(a)pyrene	24.680	252	1065261	20.684	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	1311085m	19.076	ng/ul	
95) Dibenzo(a,h)anthracene	28.638	278	1082566m	19.452	ng/ul	
96) Benzo(g,h,i)perylene	29.697	276	1052288	19.684	ng/ul	99

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

