

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022672.D
 Acq On : 27 Oct 2024 12:16
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

Quant Time: Oct 28 02:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	90315	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	344312	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	266383	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	652002	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	766058	20.000	ng/u1	0.00
88) Perylene-d12	24.762	264	887494	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	16999	7.314	ng/uL	-0.02
4) Pyridine-d5	3.593	84	126911	19.891	ng/u1	-0.02
7) Phenol-d5	6.840	99	150896	19.848	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67	87045	19.481	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	113286	21.000	ng/u1	-0.01
15) 4-Methylphenol-d8	8.351	113	119357	19.673	ng/u1	-0.01
21) Nitrobenzene-d5	8.793	128	55667	21.027	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	66333	21.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	136497	20.953	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	148208	19.254	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	413904	19.556	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	463240	20.607	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	68692	19.346	ng/u1	0.00
60) Fluorene-d10	15.281	176	376802	20.526	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	78368	18.276	ng/u1	0.00
73) Anthracene-d10	17.169	188	639335	20.844	ng/u1	0.00
81) Pyrene-d10	19.551	212	823573	20.330	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	989607	20.879	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	19578	7.835	ng/uL	98
5) Pyridine	3.616	79	128612	19.659	ng/u1	98
6) Benzaldehyde	6.805	77	92561	22.530	ng/u1	96
8) Phenol	6.869	94	155560	19.667	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	117111	19.784	ng/u1	98
12) 2-Chlorophenol	7.222	128	114807	20.581	ng/u1	99
13) 2-Methylphenol	8.093	108	113609	19.792	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.157	45	132279	19.227	ng/u1	98
16) Acetophenone	8.457	105	195378	19.506	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	98414	19.393	ng/u1	97
18) 4-Methylphenol	8.416	108	125716	19.742	ng/u1	99
19) Hexachloroethane	8.704	117	52586	20.241	ng/u1	97
22) Nitrobenzene	8.828	77	160545	20.316	ng/u1	99
23) Isophorone	9.351	82	274577	19.379	ng/u1	98
25) 2-Nitrophenol	9.534	139	69811	21.134	ng/u1	98
26) 2,4-Dimethylphenol	9.598	107	148808	20.726	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	155446	19.322	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	136915	21.343	ng/u1	98
30) Naphthalene	10.451	128	370648	20.211	ng/u1	98
32) 4-Chloroaniline	10.575	127	150131	19.759	ng/u1	96
33) Hexachlorobutadiene	10.728	225	113977	21.080	ng/u1	96
34) Caprolactam	11.351	113	36477m	17.637	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	145937	20.850	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	278638	20.698	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	276889	20.152	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	202009	20.509	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	109712	18.282	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	128191	20.691	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	138484	20.992	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	398004	20.729	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	327018	20.805	ng/ul	98
45) 2-Nitroaniline	13.339	65	92845	19.782	ng/ul	97
47) Dimethylphthalate	13.722	163	406358	19.268	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	83292	20.880	ng/ul	97
50) Acenaphthylene	13.981	152	479194	20.540	ng/ul	99
51) 3-Nitroaniline	14.186	138	73881	19.719	ng/ul	95
52) Acenaphthene	14.328	153	334639	20.284	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	56921	19.394	ng/ul	97
55) 4-Nitrophenol	14.522	109	78611	19.948	ng/ul	95
56) Dibenzofuran	14.669	168	494066	19.937	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	131318	21.185	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	128606	20.886	ng/ul	98
59) Diethylphthalate	15.110	149	396700	19.606	ng/ul	98
61) Fluorene	15.328	166	413401	20.474	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	233760	20.245	ng/ul	97
63) 4-Nitroaniline	15.357	138	80519m	21.358	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	85976	18.614	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	357783	20.491	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	164974	20.982	ng/ul	99
69) Hexachlorobenzene	16.357	284	208340	21.527	ng/ul	98
70) Atrazine	16.533	200	147707	20.352	ng/ul	97
71) Pentachlorophenol	16.716	266	127874	20.549	ng/ul	99
72) Phenanthrene	17.104	178	727957	20.869	ng/ul	99
74) Anthracene	17.210	178	723495	20.784	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	208795	21.032	ng/uL	96
76) Pentachlorobenzene	14.592	250	233813	21.305	ng/uL	98
77) Carbazole	17.486	167	642523	20.860	ng/ul	99
78) Di-n-butylphthalate	18.069	149	678075	19.895	ng/ul	99
80) Fluoranthene	19.204	202	977861	20.997	ng/ul	98
82) Pyrene	19.580	202	1041516	20.866	ng/ul	97
83) Butylbenzylphthalate	20.533	149	338558	19.481	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.410	252	378048	20.702	ng/ul	97
85) Benzo(a)anthracene	21.486	228	1089577	20.289	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	482189	19.330	ng/ul	98
87) Chrysene	21.551	228	1030545	20.696	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	821711	19.465	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1200791	21.495	ng/ul	99
91) Benzo(k)fluoranthene	23.792	252	1163080	21.265	ng/ul	98
93) Benzo(a)pyrene	24.604	252	1051420	20.450	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.456	276	1377172m	20.072	ng/ul	
95) Dibenzo(a,h)anthracene	28.527	278	1114304m	20.056	ng/ul	
96) Benzo(g,h,i)perylene	29.609	276	1036207	19.417	ng/ul	99

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

