

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022698.D
 Acq On : 29 Oct 2024 03:44
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Quant Time: Oct 29 05:00:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 04:53:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 10/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	74355	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	293296	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	239634	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	602229	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	692688	20.000	ng/u1	0.00
88) Perylene-d12	24.733	264	822688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	15110	7.897	ng/uL	0.00
4) Pyridine-d5	3.593	84	113543	21.616	ng/u1	0.00
7) Phenol-d5	6.840	99	126054	20.140	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	74499	20.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	95072	21.407	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	103649	20.751	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	46914	20.803	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	56559	21.663	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	117005	21.085	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	135116	20.606	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	392988	20.641	ng/u1	0.00
49) Acenaphthylene-d8	13.946	160	415580	20.551	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	60259	18.866	ng/u1	0.00
60) Fluorene-d10	15.281	176	342030	20.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	76240	19.249	ng/u1	0.00
73) Anthracene-d10	17.163	188	584273	20.624	ng/u1	0.00
81) Pyrene-d10	19.539	212	746692	20.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.516	264	932229	21.218	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	16220	7.884	ng/uL	97
5) Pyridine	3.617	79	114842	21.323	ng/u1	100
6) Benzaldehyde	6.811	77	78055	23.077	ng/u1	98
8) Phenol	6.864	94	134037	20.583	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	101537	20.834	ng/u1	99
12) 2-Chlorophenol	7.217	128	97434	21.216	ng/u1	99
13) 2-Methylphenol	8.087	108	96760	20.475	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.158	45	112926	19.937	ng/u1	98
16) Acetophenone	8.458	105	175219	21.248	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	89016	21.306	ng/u1	97
18) 4-Methylphenol	8.416	108	109335	20.855	ng/u1	96
19) Hexachloroethane	8.699	117	44545	20.827	ng/u1	97
22) Nitrobenzene	8.828	77	134898	20.040	ng/u1	99
23) Isophorone	9.346	82	247922	20.541	ng/u1	100
25) 2-Nitrophenol	9.534	139	59431	21.121	ng/u1	95
26) 2,4-Dimethylphenol	9.593	107	128874	21.072	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.822	93	137921	20.126	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	116960	21.403	ng/u1	99
30) Naphthalene	10.452	128	324720	20.786	ng/u1	98
32) 4-Chloroaniline	10.563	127	133874	20.684	ng/u1	98
33) Hexachlorobutadiene	10.722	225	96097	20.865	ng/u1	98
34) Caprolactam	11.346	113	35570m	20.190	ng/u1	
35) 4-Chloro-3-methylphenol	11.699	107	128478	21.549	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	242150	21.117	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.275	142	247985	21.188	ng/ul	96	10/30/2024
39) 1,2,4,5-Tetrachloroben...	12.440	216	180552	20.377	ng/ul	96	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.404	237	102191	18.930	ng/ul	97	ahmed
41) 2,4,6-Trichlorophenol	12.681	196	115038	20.640	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.769	196	123768	20.855	ng/ul	97	
43) 1,1'-Biphenyl	13.081	154	353254	20.452	ng/ul	100	
44) 2-Chloronaphthalene	13.128	162	288132	20.378	ng/ul	99	10/30/2024
45) 2-Nitroaniline	13.340	65	85234	20.188	ng/ul	96	
47) Dimethylphthalate	13.704	163	386497	20.372	ng/ul	99	
48) 2,6-Dinitrotoluene	13.846	165	76735	21.384	ng/ul	97	
50) Acenaphthylene	13.975	152	431598	20.565	ng/ul	100	
51) 3-Nitroaniline	14.187	138	65960	19.570	ng/ul	99	
52) Acenaphthene	14.328	153	309354	20.845	ng/ul	98	
53) 2,4-Dinitrophenol	14.399	184	48481	18.362	ng/ul	96	
55) 4-Nitrophenol	14.528	109	72290	20.392	ng/ul	92	
56) Dibenzofuran	14.675	168	468206	21.003	ng/ul	99	
57) 2,4-Dinitrotoluene	14.651	165	122903	22.041	ng/ul	100	
58) 2,3,4,6-Tetrachlorophenol	14.916	232	117687	21.246	ng/ul	98	
59) Diethylphthalate	15.098	149	376130	20.665	ng/ul	99	
61) Fluorene	15.334	166	384798	21.185	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.328	204	216813	20.873	ng/ul	98	
63) 4-Nitroaniline	15.357	138	72727m	21.444	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.422	198	85513	20.044	ng/ul	98	
67) N-Nitrosodiphenylamine	15.551	169	324335	20.111	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.245	248	150166	20.677	ng/ul	97	
69) Hexachlorobenzene	16.363	284	187965	21.027	ng/ul	97	
70) Atrazine	16.528	200	139833	20.859	ng/ul	97	
71) Pentachlorophenol	16.716	266	113248	19.703	ng/ul	96	
72) Phenanthrene	17.104	178	653617	20.286	ng/ul	100	
74) Anthracene	17.204	178	651773	20.271	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.046	216	187207	20.416	ng/uL	95	
76) Pentachlorobenzene	14.598	250	212694	20.982	ng/uL	98	
77) Carbazole	17.481	167	578698	20.341	ng/ul	99	
78) Di-n-butylphthalate	18.069	149	626553	19.903	ng/ul	99	
80) Fluoranthene	19.198	202	868246	20.618	ng/ul	98	
82) Pyrene	19.575	202	922604	20.441	ng/ul	97	
83) Butylbenzylphthalate	20.516	149	305081	19.414	ng/ul	96	
84) 3,3'-Dichlorobenzidine	21.392	252	355479	21.528	ng/ul	96	
85) Benzo(a)anthracene	21.463	228	983098	20.245	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.398	149	433000	19.197	ng/ul	99	
87) Chrysene	21.528	228	922818	20.495	ng/ul	100	
89) Di-n-octyl phthalate	22.639	149	735778	18.802	ng/ul	100	
90) Benzo(b)fluoranthene	23.710	252	1076084	20.780	ng/ul#	98	
91) Benzo(k)fluoranthene	23.780	252	1087715	21.454	ng/ul	99	
93) Benzo(a)pyrene	24.592	252	979955	20.561	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	28.445	276	1331711m	20.939	ng/ul		
95) Dibenzo(a,h)anthracene	28.498	278	1067796	20.733	ng/ul#	98	
96) Benzo(g,h,i)perylene	29.586	276	1022471m	20.668	ng/ul		

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

