

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022327.D
 Acq On : 10 Oct 2024 18:15
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

Quant Time: Oct 11 02:38:02 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 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	126629	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	487590	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	377024	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	949102	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	1068876	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1238262	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	22616	6.940	ng/uL	0.00
4) Pyridine-d5	3.640	84	160628	17.956	ng/u1	0.00
7) Phenol-d5	6.893	99	208368	19.548	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	121048	19.322	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	157011	20.759	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	166904	19.620	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	78255	20.873	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	92521	21.316	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	192238	20.838	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	209750	19.242	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	575777	19.221	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	646987	20.335	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	100182	19.935	ng/u1	0.00
60) Fluorene-d10	15.322	176	517577	19.920	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	115808	18.553	ng/u1	0.00
73) Anthracene-d10	17.210	188	898195	20.117	ng/u1	0.00
81) Pyrene-d10	19.598	212	1178587	20.851	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1295611	19.592	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	24263	6.925	ng/uL	97
5) Pyridine	3.658	79	164989	17.988	ng/u1	98
6) Benzaldehyde	6.863	77	132632	23.025	ng/u1	98
8) Phenol	6.916	94	209005	18.846	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.134	93	165432	19.932	ng/u1	99
12) 2-Chlorophenol	7.275	128	155313	19.858	ng/u1	99
13) 2-Methylphenol	8.140	108	158202	19.657	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	185732	19.255	ng/u1	98
16) Acetophenone	8.510	105	264550	18.838	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	136109	19.129	ng/u1	97
18) 4-Methylphenol	8.463	108	170962	19.148	ng/u1	99
19) Hexachloroethane	8.763	117	74547	20.466	ng/u1	99
22) Nitrobenzene	8.881	77	217090	19.399	ng/u1	99
23) Isophorone	9.405	82	392601	19.567	ng/u1	100
25) 2-Nitrophenol	9.587	139	95110	20.332	ng/u1	98
26) 2,4-Dimethylphenol	9.652	107	199379	19.609	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	222973	19.571	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	185684	20.439	ng/u1	99
30) Naphthalene	10.510	128	519168	19.991	ng/u1	98
32) 4-Chloroaniline	10.628	127	207383	19.273	ng/u1	96
33) Hexachlorobutadiene	10.793	225	156560	20.447	ng/u1	98
34) Caprolactam	11.399	113	53419m	18.239	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	197013	19.876	ng/u1	96
36) 2-Methylnaphthalene	12.116	142	379691	19.917	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	393436	20.220	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	282890	20.292	ng/ul	95
40) Hexachlorocyclopentadiene	12.463	237	127452	15.006	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	178660	20.374	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	194832	20.866	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	537933	19.795	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	451930	20.315	ng/ul	98
45) 2-Nitroaniline	13.381	65	131040	19.727	ng/ul	95
47) Dimethylphthalate	13.763	163	581070	19.467	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	122022	21.613	ng/ul	96
50) Acenaphthylene	14.028	152	699307	21.178	ng/ul	99
51) 3-Nitroaniline	14.216	138	110042	20.752	ng/ul	95
52) Acenaphthene	14.375	153	462395	19.803	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	69454	16.720	ng/ul	99
55) 4-Nitrophenol	14.545	109	108699	19.489	ng/ul	99
56) Dibenzofuran	14.722	168	701154	19.991	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	181021	20.633	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	181839	20.865	ng/ul#	99
59) Diethylphthalate	15.140	149	570423	19.919	ng/ul	99
61) Fluorene	15.381	166	576680	20.179	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	331070	20.258	ng/ul	98
63) 4-Nitroaniline	15.404	138	120395	22.563	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	121724	18.104	ng/ul	98
67) N-Nitrosodiphenylamine	15.587	169	484618	19.067	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	229775	20.076	ng/ul	97
69) Hexachlorobenzene	16.410	284	289286	20.534	ng/ul	99
70) Atrazine	16.563	200	191908	18.165	ng/ul	94
71) Pentachlorophenol	16.769	266	180391	19.914	ng/ul	96
72) Phenanthrene	17.163	178	1001406	19.721	ng/ul	99
74) Anthracene	17.245	178	1023358	20.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	282867	19.574	ng/uL	98
76) Pentachlorobenzene	14.640	250	313680	19.635	ng/uL	98
77) Carbazole	17.533	167	885352	19.746	ng/ul	100
78) Di-n-butylphthalate	18.122	149	1003579	20.229	ng/ul	99
80) Fluoranthene	19.251	202	1383877	21.297	ng/ul	99
82) Pyrene	19.628	202	1434035	20.590	ng/ul	99
83) Butylbenzylphthalate	20.569	149	511794	21.106	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	524574	20.588	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1523757	20.335	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	724297	20.810	ng/ul	99
87) Chrysene	21.586	228	1400682	20.160	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1256699	21.336	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1573324m	20.185	ng/ul	
91) Benzo(k)fluoranthene	23.845	252	1512914	19.825	ng/ul	100
93) Benzo(a)pyrene	24.668	252	1464601	20.417	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.556	276	1805638	18.862	ng/ul	98
95) Dibenzo(a,h)anthracene	28.627	278	1484671	19.153	ng/ul	99
96) Benzo(g,h,i)perylene	29.715	276	1445147m	19.408	ng/ul	

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

