

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023286.D
 Acq On : 21 Nov 2024 16:04
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020735

Quant Time: Nov 22 00:43:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	106777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	403186	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.181	164	307153	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	743137	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.439	240	818412	20.000	ng/u1	0.02
88) Perylene-d12	24.668	264	956149	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	20054	9.028	ng/uL	0.00
4) Pyridine-d5	3.540	84	137459	20.827	ng/u1	0.00
7) Phenol-d5	6.769	99	158424	20.068	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.910	67	98567	21.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	122388	21.168	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	129328	19.908	ng/u1	0.00
21) Nitrobenzene-d5	8.704	128	59091	21.052	ng/u1	0.00
24) 2-Nitrophenol-d4	9.416	143	69173	20.672	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.951	165	149137	21.282	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.457	131	163020	19.499	ng/u1	-0.01
46) Dimethylphthalate-d6	13.581	166	460465	20.800	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	505200	21.871	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.451	143	50108	15.062	ng/u1	0.00
60) Fluorene-d10	15.192	176	406758	20.957	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.345	200	82241	18.474	ng/u1	0.00
73) Anthracene-d10	17.092	188	692613	22.012	ng/u1	0.00
81) Pyrene-d10	19.480	212	864600	22.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	997406	21.899	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	21300	8.298	ng/uL	99
5) Pyridine	3.558	79	139765	21.087	ng/u1	98
6) Benzaldehyde	6.734	77	110088m	24.233	ng/u1	
8) Phenol	6.799	94	167914	20.369	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.005	93	130393	21.049	ng/u1	97
12) 2-Chlorophenol	7.140	128	124537	20.747	ng/u1	95
13) 2-Methylphenol	8.010	108	122433	19.896	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.069	45	151566	21.613	ng/u1	96
16) Acetophenone	8.375	105	217364	19.912	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.357	70	112757	20.686	ng/u1	98
18) 4-Methylphenol	8.334	108	131805	19.392	ng/u1	98
19) Hexachloroethane	8.610	117	60590	20.871	ng/u1	99
22) Nitrobenzene	8.746	77	174051	21.611	ng/u1	96
23) Isophorone	9.263	82	307289	21.338	ng/u1	97
25) 2-Nitrophenol	9.446	139	76206	21.576	ng/u1	96
26) 2,4-Dimethylphenol	9.510	107	158137	20.734	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.734	93	171972	21.703	ng/u1	97
29) 2,4-Dichlorophenol	9.981	162	145388	20.945	ng/u1	96
30) Naphthalene	10.357	128	410984	20.982	ng/u1	99
32) 4-Chloroaniline	10.481	127	158153	19.526	ng/u1	97
33) Hexachlorobutadiene	10.628	225	130767	20.820	ng/u1	98
34) Caprolactam	11.275	113	39184m	18.979	ng/u1	
35) 4-Chloro-3-methylphenol	11.622	107	158275	21.196	ng/u1	98
36) 2-Methylnaphthalene	11.969	142	301492	20.388	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.181	142	304938	20.172	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.345	216	229520	22.134	ng/ul	97
40) Hexachlorocyclopentadiene	12.310	237	76528	14.051	ng/ul	99
41) 2,4,6-Trichlorophenol	12.598	196	139990	22.170	ng/ul	98
42) 2,4,5-Trichlorophenol	12.692	196	148919	21.877	ng/ul	97
43) 1,1'-Biphenyl	12.992	154	426713	21.681	ng/ul	97
44) 2-Chloronaphthalene	13.039	162	347695	21.611	ng/ul	99
45) 2-Nitroaniline	13.257	65	104776	23.193	ng/ul	94
47) Dimethylphthalate	13.628	163	453170	20.757	ng/ul	99
48) 2,6-Dinitrotoluene	13.769	165	91152	21.464	ng/ul	94
50) Acenaphthylene	13.892	152	520967	22.312	ng/ul	100
51) 3-Nitroaniline	14.116	138	80446	21.993	ng/ul	97
52) Acenaphthene	14.239	153	366535	21.623	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	46531	15.442	ng/ul	96
55) 4-Nitrophenol	14.463	109	64213	16.497	ng/ul	86
56) Dibenzofuran	14.581	168	556622	21.253	ng/ul	97
57) 2,4-Dinitrotoluene	14.581	165	144932	21.413	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.834	232	142483	21.413	ng/ul	97
59) Diethylphthalate	15.016	149	452261	20.946	ng/ul	97
61) Fluorene	15.251	166	447715	20.886	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.245	204	263364	20.866	ng/ul	97
63) 4-Nitroaniline	15.298	138	76470	22.467	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.357	198	88686	18.649	ng/ul	100
67) N-Nitrosodiphenylamine	15.469	169	386824	22.527	ng/ul	98
68) 4-Bromophenyl-phenylether	16.157	248	182329	21.667	ng/ul	98
69) Hexachlorobenzene	16.280	284	224034	21.148	ng/ul	98
70) Atrazine	16.451	200	172387	20.768	ng/ul	99
71) Pentachlorophenol	16.651	266	133679	20.325	ng/ul	99
72) Phenanthrene	17.039	178	768800	21.911	ng/ul	99
74) Anthracene	17.128	178	765507	21.700	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	226181	23.052	ng/uL	97
76) Pentachlorobenzene	14.510	250	244863	21.856	ng/uL	99
77) Carbazole	17.422	167	666077	21.642	ng/ul	100
78) Di-n-butylphthalate	18.004	149	769985	22.545	ng/ul	99
80) Fluoranthene	19.133	202	991662	22.834	ng/ul	98
82) Pyrene	19.521	202	1050403	22.515	ng/ul	99
83) Butylbenzylphthalate	20.474	149	358665	23.350	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	384399	20.924	ng/ul	99
85) Benzo(a)anthracene	21.421	228	1081801	21.647	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	518070	23.734	ng/ul	96
87) Chrysene	21.486	228	1009674	21.472	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	869266	22.409	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	1182562	22.221	ng/ul	99
91) Benzo(k)fluoranthene	23.709	252	1109930	21.186	ng/ul#	99
93) Benzo(a)pyrene	24.509	252	1067466	22.189	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.303	276	1437864	21.452	ng/ul	98
95) Dibenzo(a,h)anthracene	28.374	278	1159041	21.297	ng/ul	99
96) Benzo(g,h,i)perylene	29.462	276	1095133	21.511	ng/ul	98

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