

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022641.D
 Acq On : 26 Oct 2024 13:59
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020679

Quant Time: Oct 28 00:11:32 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	7.652	152	77232	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	300666	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	241131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	613116	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	680756	20.000	ng/u1	0.00
88) Perylene-d12	24.774	264	791937	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	15582	7.840	ng/uL	-0.01
4) Pyridine-d5	3.599	84	106391	19.500	ng/u1	-0.01
7) Phenol-d5	6.846	99	127983	19.686	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	74546	19.509	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	97316	21.096	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	103331	19.916	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	47699	20.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	57921	21.641	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	121433	21.347	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	132217	19.670	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	386180	20.157	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	414993	20.394	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	63561	19.776	ng/u1	0.00
60) Fluorene-d10	15.287	176	344943	20.758	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	76752	19.034	ng/u1	0.00
73) Anthracene-d10	17.175	188	594539	20.613	ng/u1	0.00
81) Pyrene-d10	19.557	212	750320	20.842	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	876333	20.720	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	15445	7.228	ng/uL	91
5) Pyridine	3.617	79	107829	19.275	ng/u1	91
6) Benzaldehyde	6.810	77	77894	22.172	ng/u1	97
8) Phenol	6.869	94	135514	20.035	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	98865	19.530	ng/u1	96
12) 2-Chlorophenol	7.228	128	100335	21.034	ng/u1	95
13) 2-Methylphenol	8.093	108	97124	19.786	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	112188	19.069	ng/u1	97
16) Acetophenone	8.463	105	171646	20.039	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	87810	20.235	ng/u1	97
18) 4-Methylphenol	8.416	108	107672	19.773	ng/u1	98
19) Hexachloroethane	8.710	117	45503	20.482	ng/u1	99
22) Nitrobenzene	8.840	77	136004	19.709	ng/u1	99
23) Isophorone	9.357	82	242808	19.625	ng/u1	97
25) 2-Nitrophenol	9.540	139	60843	21.093	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	131205	20.927	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	133732	19.036	ng/u1	98
29) 2,4-Dichlorophenol	10.075	162	121375	21.667	ng/u1	95
30) Naphthalene	10.463	128	327095	20.425	ng/u1	98
32) 4-Chloroaniline	10.569	127	131671	19.845	ng/u1	99
33) Hexachlorobutadiene	10.746	225	98739	20.913	ng/u1	98
34) Caprolactam	11.363	113	33757m	18.692	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	128543	21.031	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	243184	20.687	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	245050	20.424	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	184024	20.640	ng/ul	92
40) Hexachlorocyclopentadiene	12.428	237	95154	17.517	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	115604	20.613	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	125054	20.941	ng/ul	96
43) 1,1'-Biphenyl	13.092	154	351202	20.207	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	288989	20.311	ng/ul	99
45) 2-Nitroaniline	13.357	65	87102	20.502	ng/ul	97
47) Dimethylphthalate	13.728	163	379780	19.894	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	77141	21.363	ng/ul	98
50) Acenaphthylene	13.992	152	428868	20.308	ng/ul	98
51) 3-Nitroaniline	14.187	138	68853	20.302	ng/ul	98
52) Acenaphthene	14.339	153	304596	20.397	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	52987	19.944	ng/ul	94
55) 4-Nitrophenol	14.516	109	74355	20.844	ng/ul	93
56) Dibenzofuran	14.675	168	464610	20.712	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	123899	22.081	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.916	232	120967	21.702	ng/ul	97
59) Diethylphthalate	15.110	149	370416	20.225	ng/ul	99
61) Fluorene	15.339	166	382237	20.913	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	222009	21.240	ng/ul	100
63) 4-Nitroaniline	15.369	138	75289	22.062	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.428	198	81710	18.812	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	331605	20.197	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	156686	21.192	ng/ul	98
69) Hexachlorobenzene	16.369	284	192229	21.122	ng/ul	98
70) Atrazine	16.522	200	136596	20.015	ng/ul	96
71) Pentachlorophenol	16.733	266	116526	19.913	ng/ul	96
72) Phenanthrene	17.122	178	662034	20.183	ng/ul	99
74) Anthracene	17.204	178	682383	20.846	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	187366	20.070	ng/uL	98
76) Pentachlorobenzene	14.598	250	218315	21.155	ng/uL	99
77) Carbazole	17.492	167	601600	20.770	ng/ul	98
78) Di-n-butylphthalate	18.080	149	637800	19.901	ng/ul	100
80) Fluoranthene	19.210	202	896490	21.662	ng/ul	97
82) Pyrene	19.586	202	937277	21.130	ng/ul	98
83) Butylbenzylphthalate	20.533	149	313579	20.305	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.416	252	331729	20.442	ng/ul	100
85) Benzo(a)anthracene	21.486	228	975848	20.448	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	451789	20.381	ng/ul	99
87) Chrysene	21.551	228	894055	20.204	ng/ul	99
89) Di-n-octyl phthalate	22.668	149	767851	20.384	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1011382	20.289	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	1001981	20.530	ng/ul	99
93) Benzo(a)pyrene	24.621	252	928024	20.228	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.474	276	1248183	20.387	ng/ul	98
95) Dibenzo(a,h)anthracene	28.539	278	1006296m	20.298	ng/ul	
96) Benzo(g,h,i)perylene	29.621	276	942389m	19.789	ng/ul	

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

