

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021402.D
 Acq On : 07 Aug 2024 00:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020731

Quant Time: Aug 07 00:39:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	152931	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	623248	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	421094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	944419	20.000	ng/ul	-0.01
79) Chrysene-d12	21.522	240	1038514	20.000	ng/ul	-0.01
88) Perylene-d12	24.827	264	1210014	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	27992	8.329	ng/uL	-0.02
4) Pyridine-d5	3.581	84	189452	19.472	ng/ul	-0.01
7) Phenol-d5	6.846	99	234159	18.781	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	139023	18.399	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	199934	19.463	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	184124	17.781	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	94074	19.433	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	108044	19.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	194101	19.374	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	266232	20.059	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	598655	19.557	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	676955	19.695	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	104528	24.000	ng/ul	0.01
60) Fluorene-d10	15.275	176	525314	20.918	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	103041	18.032	ng/ul	0.01
73) Anthracene-d10	17.186	188	855017	20.384	ng/ul	0.00
81) Pyrene-d10	19.575	212	1072995	16.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1172393	19.645	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	31785	8.599	ng/uL	95
5) Pyridine	3.599	79	190306	18.964	ng/ul	93
6) Benzaldehyde	6.805	77	146706m	23.340	ng/ul	
8) Phenol	6.875	94	244818	19.405	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.063	93	194297	18.642	ng/ul	99
12) 2-Chlorophenol	7.205	128	198365	19.267	ng/ul	99
13) 2-Methylphenol	8.093	108	186674	19.132	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	289675	19.238	ng/ul#	92
16) Acetophenone	8.452	105	309603	19.371	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.422	70	145022	17.318	ng/ul	98
18) 4-Methylphenol	8.434	108	196854	18.832	ng/ul	95
19) Hexachloroethane	8.657	117	85320	18.441	ng/ul	99
22) Nitrobenzene	8.828	77	232147	20.019	ng/ul	99
23) Isophorone	9.340	82	432126	18.745	ng/ul	98
25) 2-Nitrophenol	9.534	139	114160	19.756	ng/ul	99
26) 2,4-Dimethylphenol	9.599	107	223385	19.604	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.816	93	257591	18.382	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	188565	19.098	ng/ul	98
30) Naphthalene	10.434	128	645726	19.697	ng/ul	100
32) 4-Chloroaniline	10.587	127	256280	20.221	ng/ul	100
33) Hexachlorobutadiene	10.687	225	138657	18.729	ng/ul	98
34) Caprolactam	11.428	113	62319	20.488	ng/ul	98
35) 4-Chloro-3-methylphenol	11.746	107	216809	20.201	ng/ul	100
36) 2-Methylnaphthalene	12.057	142	436710	19.406	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	454250	19.627	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	258642	18.913	ng/ul	96
40) Hexachlorocyclopentadiene	12.375	237	106375	14.869	ng/ul	100
41) 2,4,6-Trichlorophenol	12.704	196	158658	18.361	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	168031	18.379	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	588775	19.132	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	470311	19.144	ng/ul	99
45) 2-Nitroaniline	13.375	65	140595	20.694	ng/ul	92
47) Dimethylphthalate	13.728	163	595508	19.173	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	122029	19.651	ng/ul	98
50) Acenaphthylene	13.987	152	775646	19.931	ng/ul	99
51) 3-Nitroaniline	14.234	138	121357	22.458	ng/ul	97
52) Acenaphthene	14.328	153	515129	19.943	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	71454	21.911	ng/ul	98
55) 4-Nitrophenol	14.622	109	96024	27.104	ng/ul	99
56) Dibenzofuran	14.681	168	717395	20.282	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	189911	22.278	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.922	232	154358	19.716	ng/ul	99
59) Diethylphthalate	15.110	149	614780	19.805	ng/ul	100
61) Fluorene	15.334	166	591562	20.495	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	305896	19.530	ng/ul	98
63) 4-Nitroaniline	15.428	138	119101	26.615	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.492	198	107487	17.738	ng/ul#	95
67) N-Nitrosodiphenylamine	15.557	169	501990	18.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	196522	17.753	ng/ul	99
69) Hexachlorobenzene	16.363	284	236484	18.632	ng/ul	96
70) Atrazine	16.551	200	194742	19.430	ng/ul	99
71) Pentachlorophenol	16.751	266	110586	16.042	ng/ul	98
72) Phenanthrene	17.128	178	981328	20.030	ng/ul	99
74) Anthracene	17.228	178	1015459	20.331	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	257119	17.010	ng/uL	97
76) Pentachlorobenzene	14.587	250	265808	17.697	ng/uL	100
77) Carbazole	17.533	167	914499	22.398	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1074440	19.074	ng/ul	100
80) Fluoranthene	19.227	202	1247341	16.087	ng/ul	99
82) Pyrene	19.604	202	1307841	16.576	ng/ul	98
83) Butylbenzylphthalate	20.539	149	530239	16.130	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.433	252	439710	18.529	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1384997	19.038	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	755643	15.973	ng/ul	100
87) Chrysene	21.574	228	1309878	19.377	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	1323512	16.558	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1391457	18.950	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1438951	19.636	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1345416	19.389	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.580	276	1665448	18.626	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	1387082	18.733	ng/ul	99
96) Benzo(g,h,i)perylene	29.739	276	1337591m	18.368	ng/ul	

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

