

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021129.D
 Acq On : 24 Jul 2024 16:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020703

Quant Time: Jul 25 00:13:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 23:01:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	195258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	771017	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	476095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	944889	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	759102	20.000	ng/u1	0.00
88) Perylene-d12	24.874	264	973929	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	33946	7.911	ng/uL	0.00
4) Pyridine-d5	3.575	84	232144	18.688	ng/u1	0.00
7) Phenol-d5	6.828	99	294273	18.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	176203	18.265	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	251189	19.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	235516	17.813	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	118175	19.733	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	134803	19.667	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	237910	19.195	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	311061	18.945	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	641620	18.539	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	750486	19.312	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	115610m	23.478	ng/u1	0.00
60) Fluorene-d10	15.293	176	538008	18.948	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	87078	15.231	ng/u1	0.00
73) Anthracene-d10	17.198	188	823306	19.618	ng/u1	0.00
81) Pyrene-d10	19.592	212	857755	18.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	920322	19.160	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	36653	7.767	ng/uL	97
5) Pyridine	3.593	79	244524	19.084	ng/u1	99
6) Benzaldehyde	6.781	77	180464	22.486	ng/u1	96
8) Phenol	6.852	94	295839	18.366	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.052	93	242681	18.237	ng/u1	98
12) 2-Chlorophenol	7.193	128	247412	18.821	ng/u1	99
13) 2-Methylphenol	8.075	108	227140	18.233	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	336529	17.505	ng/u1	97
16) Acetophenone	8.434	105	365363	17.905	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.411	70	177961	16.644	ng/u1	99
18) 4-Methylphenol	8.399	108	238607	17.878	ng/u1	97
19) Hexachloroethane	8.658	117	106884	18.094	ng/u1	98
22) Nitrobenzene	8.810	77	273134	19.040	ng/u1	98
23) Isophorone	9.334	82	512734	17.979	ng/u1	100
25) 2-Nitrophenol	9.516	139	140879	19.707	ng/u1	97
26) 2,4-Dimethylphenol	9.587	107	264334	18.752	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.805	93	311881	17.991	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	231403	18.945	ng/u1	99
30) Naphthalene	10.440	128	765970	18.887	ng/u1	99
32) 4-Chloroaniline	10.563	127	294170	18.762	ng/u1	100
33) Hexachlorobutadiene	10.699	225	174215	19.022	ng/u1	100
34) Caprolactam	11.381	113	70803	18.816	ng/u1	95
35) 4-Chloro-3-methylphenol	11.722	107	243770	18.360	ng/u1	95
36) 2-Methylnaphthalene	12.057	142	512131	18.396	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	524627	18.323	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	302258	19.549	ng/ul	97
40) Hexachlorocyclopentadiene	12.393	237	191542	23.681	ng/ul	99
41) 2,4,6-Trichlorophenol	12.699	196	192854	19.740	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	199092	19.260	ng/ul	99
43) 1,1'-Biphenyl	13.093	154	655574	18.842	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	533754	19.216	ng/ul	99
45) 2-Nitroaniline	13.369	65	152594	19.866	ng/ul	98
47) Dimethylphthalate	13.728	163	645737	18.388	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	132770	18.911	ng/ul	99
50) Acenaphthylene	13.993	152	835854	18.997	ng/ul	99
51) 3-Nitroaniline	14.216	138	131830	21.578	ng/ul	96
52) Acenaphthene	14.334	153	553803	18.963	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	75223	20.402	ng/ul	100
55) 4-Nitrophenol	14.593	109	78591	19.620	ng/ul	87
56) Dibenzofuran	14.675	168	754821	18.874	ng/ul	98
57) 2,4-Dinitrotoluene	14.675	165	188242	19.532	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.934	232	157994	17.849	ng/ul	98
59) Diethylphthalate	15.116	149	633616	18.054	ng/ul	100
61) Fluorene	15.351	166	605111	18.542	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.340	204	325897	18.404	ng/ul	98
63) 4-Nitroaniline	15.398	138	120312	23.779	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	91457	15.085	ng/ul	98
67) N-Nitrosodiphenylamine	15.569	169	522781	19.000	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	204961	18.506	ng/ul	98
69) Hexachlorobenzene	16.375	284	239303	18.845	ng/ul	98
70) Atrazine	16.557	200	193079	19.254	ng/ul	98
71) Pentachlorophenol	16.757	266	121697	17.645	ng/ul	98
72) Phenanthrene	17.139	178	943025	19.239	ng/ul	100
74) Anthracene	17.234	178	948465	18.980	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	295498	19.539	ng/ul	99
76) Pentachlorobenzene	14.598	250	287738	19.147	ng/ul	99
77) Carbazole	17.534	167	814110	19.929	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1044234	18.528	ng/ul	99
80) Fluoranthene	19.239	202	1053618	18.590	ng/ul	100
82) Pyrene	19.622	202	1056573	18.320	ng/ul	100
83) Butylbenzylphthalate	20.563	149	418226	17.405	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.463	252	304698	17.566	ng/ul	100
85) Benzo(a)anthracene	21.533	228	991982	18.655	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	558006	16.137	ng/ul	98
87) Chrysene	21.604	228	933353	18.889	ng/ul	100
89) Di-n-octyl phthalate	22.698	149	957366	14.880	ng/ul	100
90) Benzo(b)fluoranthene	23.816	252	1055644	17.861	ng/ul	98
91) Benzo(k)fluoranthene	23.886	252	1063180	18.025	ng/ul	99
93) Benzo(a)pyrene	24.716	252	1040171	18.624	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.651	276	1421990	19.758	ng/ul	99
95) Dibenzo(a,h)anthracene	28.692	278	1166524	19.574	ng/ul	98
96) Benzo(g,h,i)perylene	29.809	276	1176213m	20.068	ng/ul	

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

