

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020751.D
 Acq On : 02 Jul 2024 15:08
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020668

Manual Integrations

APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 02 15:55:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 25 18:30:06 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	294243	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	1236202	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	823664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	1636688	20.000	ng/u1	-0.01
79) Chrysene-d12	21.639	240	1168915	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	1368207	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	44085	6.434	ng/uL	0.00
4) Pyridine-d5	3.681	84	345821	17.317	ng/u1	0.00
7) Phenol-d5	6.922	99	454782	18.845	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	273554	17.880	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	376376	19.082	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	386206	19.704	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	191103	20.939	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	214885	23.527	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	397191	21.112	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	523194	19.844	ng/u1	0.00
46) Dimethylphthalate-d6	13.780	166	1153814	20.147	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1307100	19.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	181069	20.693	ng/u1	0.00
60) Fluorene-d10	15.380	176	954446	19.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	171715	20.819	ng/u1	0.01
73) Anthracene-d10	17.274	188	1444055	19.659	ng/u1	0.00
81) Pyrene-d10	19.668	212	1436325	20.454	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	1295772	19.469	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.305	88	49394	6.442	ng/uL	95
5) Pyridine	3.704	79	354520	17.138	ng/u1	99
6) Benzaldehyde	6.904	77	277822	22.764	ng/u1	96
8) Phenol	6.951	94	459548	18.673	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.175	93	377124	18.509	ng/u1	96
12) 2-Chlorophenol	7.310	128	373411	18.833	ng/u1	99
13) 2-Methylphenol	8.181	108	360295	19.081	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.257	45	537157	17.348	ng/u1	98
16) Acetophenone	8.557	105	596411	19.054	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.540	70	292308	17.569	ng/u1	99
18) 4-Methylphenol	8.510	108	390844	19.555	ng/u1	97
19) Hexachloroethane	8.804	117	159119	18.486	ng/u1	93
22) Nitrobenzene	8.928	77	445101	18.812	ng/u1	99
23) Isophorone	9.457	82	844984	18.025	ng/u1	98
25) 2-Nitrophenol	9.634	139	225926	22.905	ng/u1	93
26) 2,4-Dimethylphenol	9.692	107	435425	18.954	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	518336	18.586	ng/u1	99
29) 2,4-Dichlorophenol	10.163	162	382629	20.547	ng/u1	97
30) Naphthalene	10.557	128	1244066	18.802	ng/u1	100
32) 4-Chloroaniline	10.675	127	498272	19.629	ng/u1	99
33) Hexachlorobutadiene	10.834	225	273970	19.679	ng/u1	97
34) Caprolactam	11.463	113	120570m	21.276	ng/u1	
35) 4-Chloro-3-methylphenol	11.798	107	420682	20.461	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	857664	19.350	ng/u1	99

07/02/2024

Supervised By :mohammad
 Ahmed

07/04/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.392	142	885468	19.542	ng/ul	99	07/02/2024
39) 1,2,4,5-Tetrachloroben...	12.533	216	512256	19.452	ng/ul	98	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.504	237	270506	16.504	ng/ul	99	ahmed
41) 2,4,6-Trichlorophenol	12.780	196	327272	20.833	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.857	196	353070	21.670	ng/ul	98	
43) 1,1'-Biphenyl	13.186	154	1144510	18.580	ng/ul	98	
44) 2-Chloronaphthalene	13.228	162	914925	18.858	ng/ul	99	07/04/2024
45) 2-Nitroaniline	13.445	65	263524	21.565	ng/ul	94	
47) Dimethylphthalate	13.827	163	1139802	19.538	ng/ul	99	
48) 2,6-Dinitrotoluene	13.945	165	239490	23.023	ng/ul	91	
50) Acenaphthylene	14.092	152	1445880	18.731	ng/ul	100	
51) 3-Nitroaniline	14.280	138	227395	23.520	ng/ul	92	
52) Acenaphthene	14.433	153	959237	18.733	ng/ul	99	
53) 2,4-Dinitrophenol	14.498	184	132385	24.535	ng/ul	99	
55) 4-Nitrophenol	14.604	109	149584	19.103	ng/ul	97	
56) Dibenzofuran	14.775	168	1345228	19.496	ng/ul	99	
57) 2,4-Dinitrotoluene	14.745	165	339596	23.651	ng/ul	96	
58) 2,3,4,6-Tetrachlorophenol	15.004	232	300306	22.316	ng/ul	98	
59) Diethylphthalate	15.216	149	1168707	20.310	ng/ul	99	
61) Fluorene	15.439	166	1086881	19.605	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.427	204	573515	19.825	ng/ul	98	
63) 4-Nitroaniline	15.469	138	218175	23.778	ng/ul	94	
66) 4,6-Dinitro-2-methylph...	15.527	198	182784	20.688	ng/ul	92	
67) N-Nitrosodiphenylamine	15.657	169	919029	19.040	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.351	248	370497	20.295	ng/ul	97	
69) Hexachlorobenzene	16.457	284	415143	20.314	ng/ul	95	
70) Atrazine	16.645	200	359043	21.100	ng/ul	99	
71) Pentachlorophenol	16.816	266	242363	20.599	ng/ul	95	
72) Phenanthrene	17.221	178	1655444	19.315	ng/ul	99	
74) Anthracene	17.316	178	1655005	18.773	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.151	216	497337	18.720	ng/ul	98	
76) Pentachlorobenzene	14.686	250	491686	19.418	ng/ul	98	
77) Carbazole	17.610	167	1413522	19.428	ng/ul	99	
78) Di-n-butylphthalate	18.186	149	1980655	20.960	ng/ul	100	
80) Fluoranthene	19.315	202	1736009	20.238	ng/ul	99	
82) Pyrene	19.698	202	1711712	19.457	ng/ul	99	
83) Butylbenzylphthalate	20.645	149	777278	23.795	ng/ul	97	
84) 3,3'-Dichlorobenzidine	21.539	252	535367	20.715	ng/ul	96	
85) Benzo(a)anthracene	21.621	228	1578625	19.268	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.551	149	1146013	22.595	ng/ul	99	
87) Chrysene	21.686	228	1451970	18.749	ng/ul	99	
89) Di-n-octyl phthalate	22.839	149	1761859	20.059	ng/ul	100	
90) Benzo(b)fluoranthene	23.939	252	1571064	18.954	ng/ul	99	
91) Benzo(k)fluoranthene	24.003	252	1561451	18.623	ng/ul	99	
93) Benzo(a)pyrene	24.845	252	1480748	18.924	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.821	276	1844219m	18.376	ng/ul		
95) Dibenzo(a,h)anthracene	28.897	278	1533178	18.587	ng/ul	98	
96) Benzo(g,h,i)perylene	29.991	276	1476950	18.025	ng/ul	96	

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

