

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
 Data File : BP021887.D
 Acq On : 11 Sep 2024 16:58
 Operator : RC/JU
 Sample : SSTD04034
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040612

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Sep 11 17:26:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 15:08:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/12/2024
1) 1,4-Dichlorobenzene-d4	7.757	152	111680	20.000	ng/u1	0.01	Supervised By :mohammad Ahmed
20) Naphthalene-d8	10.522	136	624684	20.000	ng/u1	# 0.02	
38) Acenaphthene-d10	14.357	164	461674	20.000	ng/u1	0.01	
64) Phenanthrene-d10	17.145	188	1077660	20.000	ng/u1	0.01	
79) Chrysene-d12	21.592	240	1066641	20.000	ng/u1	0.02	
88) Perylene-d12	24.921	264	1206439	20.000	ng/u1	0.04	09/13/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.269	96	53841	15.346	ng/uL	0.00	
4) Pyridine-d5	3.681	84	412060	41.175	ng/u1	0.00	
7) Phenol-d5	6.934	99	364215	32.276	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	7.093	67	209489	33.844	ng/u1	0.00	
11) 2-Chlorophenol-d4	7.299	132	296251	39.173	ng/u1	0.01	
15) 4-Methylphenol-d8	8.457	113	302865	34.190	ng/u1	0.02	
21) Nitrobenzene-d5	8.899	128	148786	30.120	ng/u1	0.02	
24) 2-Nitrophenol-d4	9.610	143	169115	33.304	ng/u1	0.01	
28) 2,4-Dichlorophenol-d3	10.151	165	355269	34.938	ng/u1	0.02	
31) 4-Chloroaniline-d4	10.651	131	579872	39.944	ng/u1	0.01	
46) Dimethylphthalate-d6	13.763	166	1410718	40.044	ng/u1	0.01	
49) Acenaphthylene-d8	14.051	160	1584192	40.466	ng/u1	0.02	
54) 4-Nitrophenol-d4	14.563	143	272266	40.706	ng/u1	0.01	
60) Fluorene-d10	15.363	176	1227320	38.183	ng/u1	0.01	
65) 4,6-Dinitro-2-methylph...	15.481	200	258368	43.727	ng/u1	0.00	
73) Anthracene-d10	17.245	188	1990327	39.338	ng/u1	0.00	
81) Pyrene-d10	19.616	212	2496360	41.356	ng/u1	0.01	
92) Benzo(a)pyrene-d12	24.686	264	2642830	41.445	ng/u1	0.04	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	59003	15.933	ng/uL		97
5) Pyridine	3.705	79	422672	41.899	ng/u1		98
6) Benzaldehyde	6.910	77	217413	37.671	ng/u1		93
8) Phenol	6.963	94	379884	32.293	ng/u1		96
10) Bis(2-Chloroethyl)ether	7.187	93	279611	30.830	ng/u1		92
12) 2-Chlorophenol	7.328	128	301437	38.171	ng/u1		99
13) 2-Methylphenol	8.193	108	283864	33.311	ng/u1		98
14) 2,2'-oxybis(1-Chloropr...	8.269	45	327778	36.501	ng/u1		99
16) Acetophenone	8.563	105	489202	34.570	ng/u1		99
17) N-Nitroso-di-n-propyla...	8.557	70	247280	36.800	ng/u1		99
18) 4-Methylphenol	8.516	108	319250	34.115	ng/u1		95
19) Hexachloroethane	8.828	117	128609	36.388	ng/u1		97
22) Nitrobenzene	8.940	77	380846	28.039	ng/u1		99
23) Isophorone	9.463	82	689652	25.781	ng/u1		98
25) 2-Nitrophenol	9.646	139	185720	33.150	ng/u1		97
26) 2,4-Dimethylphenol	9.704	107	360694	26.938	ng/u1		100
27) Bis(2-Chloroethoxy)met...	9.940	93	406737	24.407	ng/u1		99
29) 2,4-Dichlorophenol	10.175	162	355668	34.835	ng/u1		97
30) Naphthalene	10.575	128	1332800	38.481	ng/u1		99
32) 4-Chloroaniline	10.675	127	571728	39.431	ng/u1		98
33) Hexachlorobutadiene	10.857	225	317086	44.995	ng/u1		99
34) Caprolactam	11.451	113	144273m	35.032	ng/u1		
35) 4-Chloro-3-methylphenol	11.798	107	470840	36.235	ng/u1		99
36) 2-Methylnaphthalene	12.175	142	966906	40.694	ng/u1		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.393	142	983977	40.926	ng/ul	99	09/12/2024
39) 1,2,4,5-Tetrachloroben...	12.545	216	618174	42.655	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.528	237	346451	41.594	ng/ul	98	ahmed
41) 2,4,6-Trichlorophenol	12.787	196	398518	42.983	ng/ul	98	
42) 2,4,5-Trichlorophenol	12.863	196	445592	44.377	ng/ul	100	
43) 1,1'-Biphenyl	13.187	154	1318152	38.626	ng/ul	98	
44) 2-Chloronaphthalene	13.228	162	1065584	39.646	ng/ul	98	09/13/2024
45) 2-Nitroaniline	13.428	65	311203	37.658	ng/ul	97	
47) Dimethylphthalate	13.810	163	1413978	40.161	ng/ul	100	
48) 2,6-Dinitrotoluene	13.928	165	288902	44.283	ng/ul	96	
50) Acenaphthylene	14.081	152	1656444	39.592	ng/ul	99	
51) 3-Nitroaniline	14.257	138	286808	40.886	ng/ul	93	
52) Acenaphthene	14.428	153	1147003	38.766	ng/ul	99	
53) 2,4-Dinitrophenol	14.469	184	172274	43.779	ng/ul	89	
55) 4-Nitrophenol	14.575	109	226050	36.003	ng/ul#	87	
56) Dibenzofuran	14.763	168	1656071	39.816	ng/ul	95	
57) 2,4-Dinitrotoluene	14.722	165	433020	43.366	ng/ul	100	
58) 2,3,4,6-Tetrachlorophenol	14.992	232	385312	43.309	ng/ul	99	
59) Diethylphthalate	15.192	149	1360192	37.482	ng/ul	98	
61) Fluorene	15.422	166	1345898	37.127	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.416	204	711002	38.700	ng/ul	97	
63) 4-Nitroaniline	15.434	138	287899	38.833	ng/ul	96	
66) 4,6-Dinitro-2-methylph...	15.498	198	281207	42.643	ng/ul#	96	
67) N-Nitrosodiphenylamine	15.628	169	1187304	38.325	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.322	248	460726	39.379	ng/ul	96	
69) Hexachlorobenzene	16.439	284	541723	38.828	ng/ul	99	
70) Atrazine	16.604	200	470567	39.582	ng/ul	100	
71) Pentachlorophenol	16.786	266	361020	40.531	ng/ul	98	
72) Phenanthrene	17.186	178	2300803	39.135	ng/ul	99	
74) Anthracene	17.281	178	2321465	39.095	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.151	216	633099	42.863	ng/ul	98	
76) Pentachlorobenzene	14.687	250	630758	40.679	ng/ul	98	
77) Carbazole	17.557	167	2100714	39.413	ng/ul	99	
78) Di-n-butylphthalate	18.145	149	2428490	38.226	ng/ul	100	
80) Fluoranthene	19.269	202	2907004	41.367	ng/ul	100	
82) Pyrene	19.645	202	3035441	40.576	ng/ul	100	
83) Butylbenzylphthalate	20.604	149	1128617	38.220	ng/ul	96	
84) 3,3'-Dichlorobenzidine	21.486	252	1024418	39.241	ng/ul	100	
85) Benzo(a)anthracene	21.569	228	3081675	40.985	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.504	149	1596937	36.843	ng/ul	98	
87) Chrysene	21.639	228	2882665	40.576	ng/ul	98	
89) Di-n-octyl phthalate	22.780	149	2687394	37.105	ng/ul	100	
90) Benzo(b)fluoranthene	23.863	252	3170490	42.528	ng/ul	99	
91) Benzo(k)fluoranthene	23.933	252	2966465	40.140	ng/ul	100	
93) Benzo(a)pyrene	24.768	252	2877831	41.627	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.698	276	3497611m	38.986	ng/ul		
95) Dibenzo(a,h)anthracene	28.786	278	2786648m	38.558	ng/ul		
96) Benzo(g,h,i)perylene	29.856	276	2776841	39.867	ng/ul	98	

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

