

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022990.D
 Acq On : 10 Nov 2024 07:30
 Operator : RC/JU
 Sample : P4746-10MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

GCP83MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 22:47:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Nov 08 23:49:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	68098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	268960	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	217646	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.010	188	543408	20.000	ng/u1	-0.02
79) Chrysene-d12	21.427	240	617246	20.000	ng/u1	-0.03
88) Perylene-d12	24.651	264	707638	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	8494	5.996	ng/uL	0.00
4) Pyridine-d5	3.558	84	42468	10.089	ng/u1	0.00
7) Phenol-d5	6.799	99	60941	12.104	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	114731	38.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	137500	37.290	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	113057	27.288	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	77668	41.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	92532	41.452	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	194635	41.635	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	181227	32.495	ng/u1	-0.02
46) Dimethylphthalate-d6	13.616	166	682799	43.528	ng/u1	0.00
49) Acenaphthylene-d8	13.904	160	678548	41.457	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	29794	12.639	ng/u1	-0.02
60) Fluorene-d10	15.216	176	582132	42.328	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.369	200	151321	46.485	ng/u1	0.00
73) Anthracene-d10	17.116	188	1038368	45.130	ng/u1	0.00
81) Pyrene-d10	19.492	212	1341264	47.176	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.427	264	1636874	48.561	ng/u1	-0.04
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.175	88	20078	12.265	ng/uL	96
5) Pyridine	3.575	79	135522	32.060	ng/u1	92
6) Benzaldehyde	6.758	77	109425	37.768	ng/u1	97
8) Phenol	6.822	94	187543	35.672	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.028	93	138340	35.016	ng/u1	97
12) 2-Chlorophenol	7.169	128	138307	36.128	ng/u1	96
13) 2-Methylphenol	8.040	108	137371	35.004	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.105	45	154776	34.607	ng/u1	96
16) Acetophenone	8.405	105	243774	35.015	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.387	70	124716	35.876	ng/u1	97
18) 4-Methylphenol	8.369	108	153378	35.384	ng/u1	99
19) Hexachloroethane	8.646	117	62756	33.896	ng/u1	95
22) Nitrobenzene	8.775	77	196525	36.578	ng/u1	96
23) Isophorone	9.299	82	347640	36.187	ng/u1	99
25) 2-Nitrophenol	9.475	139	86749	36.818	ng/u1	95
26) 2,4-Dimethylphenol	9.546	107	183019	35.972	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.763	93	190063	35.956	ng/u1	98
29) 2,4-Dichlorophenol	10.016	162	173351	37.437	ng/u1	99
30) Naphthalene	10.393	128	454331	34.770	ng/u1	99
32) 4-Chloroaniline	10.510	127	177216	32.798	ng/u1	100
33) Hexachlorobutadiene	10.669	225	139013	33.179	ng/u1	99
34) Caprolactam	11.298	113	52322	37.989	ng/u1	96
35) 4-Chloro-3-methylphenol	11.651	107	188301	37.801	ng/u1	97
36) 2-Methylnaphthalene	11.998	142	346540	35.129	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.222	142	345523	34.263	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	262905	35.780	ng/ul	96
40) Hexachlorocyclopentadiene	12.345	237	127117	32.937	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	173824	38.850	ng/ul	97
42) 2,4,5-Trichlorophenol	12.710	196	188673	39.115	ng/ul	98
43) 1,1'-Biphenyl	13.022	154	511448	36.673	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	419266	36.777	ng/ul	99
45) 2-Nitroaniline	13.287	65	128360	40.099	ng/ul	90
47) Dimethylphthalate	13.657	163	573627	37.080	ng/ul	100
48) 2,6-Dinitrotoluene	13.787	165	119288	39.641	ng/ul	98
50) Acenaphthylene	13.934	152	627459	37.925	ng/ul	99
51) 3-Nitroaniline	14.128	138	104153	40.185	ng/ul	93
52) Acenaphthene	14.275	153	443730	36.942	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	79578	37.270	ng/ul	94
55) 4-Nitrophenol	14.469	109	99945	36.238	ng/ul	97
56) Dibenzofuran	14.616	168	681195	36.706	ng/ul	99
57) 2,4-Dinitrotoluene	14.610	165	187458	39.086	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.845	232	180009	38.178	ng/ul	98
59) Diethylphthalate	15.045	149	565424	36.956	ng/ul	98
61) Fluorene	15.281	166	549553	36.180	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.275	204	319278	35.698	ng/ul	99
63) 4-Nitroaniline	15.322	138	112504	46.648	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.381	198	135378	38.931	ng/ul#	98
67) N-Nitrosodiphenylamine	15.486	169	487878	38.854	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	232089	37.716	ng/ul	97
69) Hexachlorobenzene	16.304	284	289315	37.348	ng/ul	99
70) Atrazine	16.469	200	208344	34.325	ng/ul	96
71) Pentachlorophenol	16.669	266	173482	36.071	ng/ul	98
72) Phenanthrene	17.063	178	975031	38.003	ng/ul	99
74) Anthracene	17.151	178	986639	38.248	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	260493	36.307	ng/uL	97
76) Pentachlorobenzene	14.534	250	306197	37.377	ng/uL	97
77) Carbazole	17.445	167	880451	39.121	ng/ul	99
78) Di-n-butylphthalate	18.010	149	990347	39.654	ng/ul	99
80) Fluoranthene	19.145	202	1321200	40.337	ng/ul	99
82) Pyrene	19.527	202	1375386	39.088	ng/ul	100
83) Butylbenzylphthalate	20.474	149	476424	41.125	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	466596	33.676	ng/ul	100
85) Benzo(a)anthracene	21.416	228	1451130	38.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	668425	40.602	ng/ul	98
87) Chrysene	21.480	228	1339365	37.767	ng/ul	100
89) Di-n-octyl phthalate	22.563	149	1130694	39.385	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1577530	40.052	ng/ul	100
91) Benzo(k)fluoranthene	23.704	252	1547855	39.920	ng/ul#	99
93) Benzo(a)pyrene	24.504	252	1442036	40.501	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.303	276	1962325	39.558	ng/ul	99
95) Dibenzo(a,h)anthracene	28.356	278	1571204	39.009	ng/ul	99
96) Benzo(g,h,i)perylene	29.433	276	1504434m	39.929	ng/ul	

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

