

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021783.D
 Acq On : 31 Aug 2024 14:02
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020753

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/03/2024

Supervised By :mohammad ahmed 09/03/2024

Quant Time: Sep 02 02:09:15 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Aug 29 23:56:59 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	348840	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1428890	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	935492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2094718	20.000	ng/u1	0.00
79) Chrysene-d12	21.680	240	2173065	20.000	ng/u1	0.01
88) Perylene-d12	25.092	264	2561549	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	86444	8.227	ng/uL	0.00
4) Pyridine-d5	3.687	84	634314	20.871	ng/u1	0.00
7) Phenol-d5	6.952	99	737751	19.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	404823	19.981	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	490268	20.398	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	566090	19.678	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	239130	20.801	ng/u1	0.00
24) 2-Nitrophenol-d4	9.646	143	243468	20.864	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	473480	20.590	ng/u1	0.00
31) 4-Chloroaniline-d4	10.699	131	677295	20.245	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1418826	19.821	ng/u1	-0.01
49) Acenaphthylene-d8	14.116	160	1643124	20.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	294459	21.622	ng/u1	0.00
60) Fluorene-d10	15.434	176	1224063	20.340	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	217385	18.868	ng/u1	0.00
73) Anthracene-d10	17.333	188	1994864	20.066	ng/u1	0.00
81) Pyrene-d10	19.704	212	2484439	20.000	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.845	264	2763903	20.235	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	91319	8.177	ng/uL	95
5) Pyridine	3.705	79	628734	20.703	ng/u1	100
6) Benzaldehyde	6.928	77	468445	24.601	ng/u1	98
8) Phenol	6.981	94	770108	19.839	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.205	93	596277	19.762	ng/u1	98
12) 2-Chlorophenol	7.352	128	520912	20.649	ng/u1	99
13) 2-Methylphenol	8.216	108	551874	19.707	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	582878	20.014	ng/u1	99
16) Acetophenone	8.599	105	927974	20.121	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	430045	19.759	ng/u1	98
18) 4-Methylphenol	8.546	108	616435	20.107	ng/u1	98
19) Hexachloroethane	8.857	117	228343	20.244	ng/u1	98
22) Nitrobenzene	8.969	77	672684	20.985	ng/u1	99
23) Isophorone	9.499	82	1255397	19.516	ng/u1	99
25) 2-Nitrophenol	9.675	139	272786	21.099	ng/u1	96
26) 2,4-Dimethylphenol	9.746	107	656495	20.689	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.969	93	811406	20.114	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	475523	20.579	ng/u1	98
30) Naphthalene	10.610	128	1629694	20.237	ng/u1	100
32) 4-Chloroaniline	10.722	127	688607	20.388	ng/u1	98
33) Hexachlorobutadiene	10.904	225	309102	19.937	ng/u1	97
34) Caprolactam	11.499	113	193111	19.763	ng/u1	96
35) 4-Chloro-3-methylphenol	11.851	107	643653	21.046	ng/u1	98
36) 2-Methylnaphthalene	12.228	142	1102572	20.241	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	1113489	20.324	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	595351	20.192	ng/ul	100
40) Hexachlorocyclopentadiene	12.581	237	364467	21.543	ng/ul	98
41) 2,4,6-Trichlorophenol	12.840	196	385624	20.314	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	422762	20.624	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	1443431	20.394	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	1113394	20.063	ng/ul	99
45) 2-Nitroaniline	13.487	65	385950	22.200	ng/ul	95
47) Dimethylphthalate	13.875	163	1413526	19.721	ng/ul	99
48) 2,6-Dinitrotoluene	13.987	165	288491	21.824	ng/ul	99
50) Acenaphthylene	14.145	152	1748779	20.233	ng/ul	99
51) 3-Nitroaniline	14.322	138	326339	22.592	ng/ul	98
52) Acenaphthene	14.487	153	1249746	20.561	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	179995	22.744	ng/ul	98
55) 4-Nitrophenol	14.645	109	285695	22.911	ng/ul	96
56) Dibenzofuran	14.828	168	1713960	20.382	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	437538	22.027	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.063	232	359803	20.373	ng/ul	96
59) Diethylphthalate	15.263	149	1443496	20.055	ng/ul	99
61) Fluorene	15.492	166	1383311	20.338	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	671438	19.646	ng/ul	98
63) 4-Nitroaniline	15.498	138	344741	24.694	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.569	198	248353	19.271	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	1218106	19.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	432266	18.693	ng/ul	97
69) Hexachlorobenzene	16.516	284	517294	18.843	ng/ul	97
70) Atrazine	16.686	200	462005	19.765	ng/ul	100
71) Pentachlorophenol	16.875	266	334550	19.041	ng/ul	98
72) Phenanthrene	17.275	178	2340255	20.350	ng/ul	99
74) Anthracene	17.369	178	2357056	20.231	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	595291	19.115	ng/ul	98
76) Pentachlorobenzene	14.745	250	603238	18.688	ng/ul	99
77) Carbazole	17.645	167	2257236	21.541	ng/ul	100
78) Di-n-butylphthalate	18.245	149	2512924	19.702	ng/ul	99
80) Fluoranthene	19.363	202	2886885	19.915	ng/ul	99
82) Pyrene	19.733	202	3086558	20.104	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1228380	19.542	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.580	252	1080962	19.739	ng/ul	99
85) Benzo(a)anthracene	21.657	228	3108951	20.112	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.604	149	1750745	18.870	ng/ul	100
87) Chrysene	21.727	228	2939019	20.203	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	3004023	18.527	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	3226268	20.129	ng/ul	99
91) Benzo(k)fluoranthene	24.068	252	3157927	20.126	ng/ul	99
93) Benzo(a)pyrene	24.921	252	3000320	20.319	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.962	276	3773431m	19.819	ng/ul	
95) Dibenzo(a,h)anthracene	29.045	278	3026014	19.779	ng/ul	99
96) Benzo(g,h,i)perylene	30.145	276	2975993	20.230	ng/ul	99

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

