

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022359.D
 Acq On : 14 Oct 2024 17:20
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020651

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 14 18:25:11 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Oct 14 11:01:55 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	129655	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	496074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	389692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	975384	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1023473	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	1173246	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	21612	6.478	ng/uL	0.00
4) Pyridine-d5	3.634	84	162369	17.727	ng/u1	0.00
7) Phenol-d5	6.887	99	209531	19.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	119635	18.650	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	157624	20.354	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	169254	19.432	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	76513	20.059	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	91703	20.766	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	189915	20.235	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	213878	19.285	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	568283	18.354	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	648761	19.728	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	101734	19.586	ng/u1	-0.01
60) Fluorene-d10	15.316	176	520178	19.370	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	117442	18.308	ng/u1	0.00
73) Anthracene-d10	17.216	188	899848	19.611	ng/u1	0.01
81) Pyrene-d10	19.581	212	1117314	20.644	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.610	264	1178395	18.807	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	23680	6.601	ng/uL	98
5) Pyridine	3.652	79	168501	17.942	ng/u1	96
6) Benzaldehyde	6.858	77	128370	21.765	ng/u1	94
8) Phenol	6.911	94	214409	18.882	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	164279	19.331	ng/u1	98
12) 2-Chlorophenol	7.275	128	158745	19.823	ng/u1	96
13) 2-Methylphenol	8.140	108	159095	19.306	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.211	45	178587	18.082	ng/u1	99
16) Acetophenone	8.511	105	268177	18.650	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.493	70	134004	18.394	ng/u1	96
18) 4-Methylphenol	8.463	108	169549	18.547	ng/u1	96
19) Hexachloroethane	8.758	117	70646	18.942	ng/u1	98
22) Nitrobenzene	8.881	77	213737	18.773	ng/u1	97
23) Isophorone	9.399	82	381161	18.672	ng/u1	98
25) 2-Nitrophenol	9.581	139	94799	19.919	ng/u1	94
26) 2,4-Dimethylphenol	9.646	107	196705	19.016	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	216823	18.706	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	180952	19.578	ng/u1	99
30) Naphthalene	10.510	128	516995	19.567	ng/u1	98
32) 4-Chloroaniline	10.616	127	209811	19.165	ng/u1	97
33) Hexachlorobutadiene	10.787	225	146209	18.769	ng/u1	99
34) Caprolactam	11.393	113	55860m	18.746	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	196628	19.498	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	374990	19.334	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	389531	19.677	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	276524	19.191	ng/ul	95
40) Hexachlorocyclopentadiene	12.463	237	123029	14.014	ng/ul	100
41) 2,4,6-Trichlorophenol	12.734	196	174483	19.251	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	192786	19.976	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	538685	19.178	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	453466	19.721	ng/ul	99
45) 2-Nitroaniline	13.375	65	125180	18.232	ng/ul	93
47) Dimethylphthalate	13.757	163	568177	18.416	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	119301	20.444	ng/ul	93
50) Acenaphthylene	14.028	152	702285	20.577	ng/ul	100
51) 3-Nitroaniline	14.210	138	110277	20.120	ng/ul	98
52) Acenaphthene	14.369	153	460440	19.078	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	88629	20.642	ng/ul	100
55) 4-Nitrophenol	14.540	109	112336	19.486	ng/ul	97
56) Dibenzofuran	14.710	168	696893	19.223	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	181491	20.014	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.945	232	178095	19.771	ng/ul	97
59) Diethylphthalate	15.145	149	548598	18.534	ng/ul	98
61) Fluorene	15.375	166	575427	19.481	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	324768	19.226	ng/ul	100
63) 4-Nitroaniline	15.398	138	123978	22.479	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	126276	18.275	ng/ul	96
67) N-Nitrosodiphenylamine	15.581	169	490782	18.789	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	226909	19.291	ng/ul	99
69) Hexachlorobenzene	16.398	284	280402	19.367	ng/ul	98
70) Atrazine	16.557	200	192292	17.711	ng/ul	94
71) Pentachlorophenol	16.763	266	179483	19.280	ng/ul	95
72) Phenanthrene	17.157	178	1004259	19.245	ng/ul	99
74) Anthracene	17.251	178	1027994	19.740	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.099	216	272945	18.378	ng/ul	99
76) Pentachlorobenzene	14.628	250	297392	18.114	ng/ul	99
77) Carbazole	17.534	167	889383	19.301	ng/ul	99
78) Di-n-butylphthalate	18.116	149	971708	19.058	ng/ul	99
80) Fluoranthene	19.233	202	1316684	21.161	ng/ul	100
82) Pyrene	19.616	202	1369311	20.533	ng/ul	99
83) Butylbenzylphthalate	20.569	149	464752	20.017	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	501045	20.537	ng/ul	96
85) Benzo(a)anthracene	21.539	228	1393383	19.420	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	648883	19.470	ng/ul	99
87) Chrysene	21.604	228	1283939	19.299	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1119743	20.065	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	1437367	19.463	ng/ul#	98
91) Benzo(k)fluoranthene	23.869	252	1415163	19.572	ng/ul	99
93) Benzo(a)pyrene	24.686	252	1319107	19.407	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	1661170m	18.315	ng/ul	
95) Dibenzo(a,h)anthracene	28.680	278	1367303	18.616	ng/ul	99
96) Benzo(g,h,i)perylene	29.739	276	1306564	18.520	ng/ul	100

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

