

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022819.D
 Acq On : 02 Nov 2024 01:39
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020696

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 04 05:20:56 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 30 10:56:39 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	65704	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	256958	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.239	164	217522	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	591375	20.000	ng/ul	-0.01
79) Chrysene-d12	21.480	240	683053	20.000	ng/ul	-0.02
88) Perylene-d12	24.733	264	820533	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	12244	7.242	ng/uL	0.00
4) Pyridine-d5	3.587	84	92598	19.949	ng/ul	0.00
7) Phenol-d5	6.822	99	109627	19.821	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	63534	19.545	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	82842	21.109	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	88844	20.129	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	43146	21.838	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.487	143	49766	21.756	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	106861	21.981	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.528	131	119515	20.805	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	355140	20.549	ng/ul	-0.01
49) Acenaphthylene-d8	13.928	160	393027	21.411	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.498	143	52980	18.273	ng/ul	-0.01
60) Fluorene-d10	15.257	176	339522	22.649	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.398	200	67935	17.467	ng/ul	0.00
73) Anthracene-d10	17.151	188	582998	20.956	ng/ul	-0.02
81) Pyrene-d10	19.533	212	763080	21.126	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.509	264	945776	21.583	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	13585	7.473	ng/uL#	94
5) Pyridine	3.605	79	95652	20.098	ng/ul	92
6) Benzaldehyde	6.793	77	62343	20.859	ng/ul	98
8) Phenol	6.852	94	114562	19.909	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.063	93	84705	19.669	ng/ul	98
12) 2-Chlorophenol	7.205	128	85486	21.065	ng/ul	96
13) 2-Methylphenol	8.075	108	84152	20.151	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	94669	18.915	ng/ul	96
16) Acetophenone	8.440	105	151222	20.753	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	76862	20.819	ng/ul	96
18) 4-Methylphenol	8.399	108	93539	20.191	ng/ul	93
19) Hexachloroethane	8.681	117	39419	20.857	ng/ul	97
22) Nitrobenzene	8.810	77	121788	20.651	ng/ul	98
23) Isophorone	9.334	82	210462	19.904	ng/ul	96
25) 2-Nitrophenol	9.516	139	52339	21.231	ng/ul#	93
26) 2,4-Dimethylphenol	9.581	107	116051	21.658	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.799	93	116602	19.421	ng/ul	100
29) 2,4-Dichlorophenol	10.046	162	104808	21.892	ng/ul	98
30) Naphthalene	10.434	128	289381	21.144	ng/ul	99
32) 4-Chloroaniline	10.551	127	117545	20.729	ng/ul	96
33) Hexachlorobutadiene	10.710	225	93178	23.092	ng/ul	97
34) Caprolactam	11.334	113	28320m	18.348	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	115891	22.186	ng/ul	98
36) 2-Methylnaphthalene	12.040	142	221395	22.037	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	224825	21.925	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	171455	21.317	ng/ul	96
40) Hexachlorocyclopentadiene	12.387	237	85898	17.529	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	107758	21.299	ng/ul	100
42) 2,4,5-Trichlorophenol	12.751	196	117186	21.754	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	327426	20.883	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	269750	21.017	ng/ul	98
45) 2-Nitroaniline	13.328	65	81214	21.191	ng/ul	96
47) Dimethylphthalate	13.698	163	344994	20.033	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	72553	22.274	ng/ul	97
50) Acenaphthylene	13.957	152	401952	21.099	ng/ul	99
51) 3-Nitroaniline	14.175	138	60331	19.720	ng/ul	92
52) Acenaphthene	14.310	153	287483	21.340	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	46537	19.418	ng/ul	96
55) 4-Nitrophenol	14.510	109	69152	21.490	ng/ul	87
56) Dibenzofuran	14.645	168	450193	22.247	ng/ul	97
57) 2,4-Dinitrotoluene	14.628	165	114332	22.588	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.892	232	117486	23.366	ng/ul	98
59) Diethylphthalate	15.092	149	347423	21.028	ng/ul	98
61) Fluorene	15.310	166	372508	22.593	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.304	204	216022	22.911	ng/ul	99
63) 4-Nitroaniline	15.339	138	65694m	21.339	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	74422	17.764	ng/ul	100
67) N-Nitrosodiphenylamine	15.539	169	324941	20.518	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	154975	21.731	ng/ul	98
69) Hexachlorobenzene	16.339	284	195638	22.287	ng/ul	98
70) Atrazine	16.516	200	135443	20.575	ng/ul	96
71) Pentachlorophenol	16.704	266	116828	20.699	ng/ul	94
72) Phenanthrene	17.092	178	661655	20.913	ng/ul	99
74) Anthracene	17.186	178	660404	20.916	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	175267	19.465	ng/ul	97
76) Pentachlorobenzene	14.575	250	208359	20.932	ng/ul	99
77) Carbazole	17.469	167	573944	20.544	ng/ul	100
78) Di-n-butylphthalate	18.057	149	641827	20.763	ng/ul	99
80) Fluoranthene	19.192	202	899138	21.653	ng/ul	98
82) Pyrene	19.569	202	946178	21.259	ng/ul	97
83) Butylbenzylphthalate	20.504	149	307598	19.851	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	309632	19.016	ng/ul	97
85) Benzo(a)anthracene	21.457	228	990620	20.688	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	442843	19.910	ng/ul	97
87) Chrysene	21.527	228	933163	21.017	ng/ul	100
89) Di-n-octyl phthalate	22.627	149	754588	19.334	ng/ul	100
90) Benzo(b)fluoranthene	23.704	252	1101784	21.332	ng/ul#	98
91) Benzo(k)fluoranthene	23.774	252	1082543	21.408	ng/ul#	99
93) Benzo(a)pyrene	24.586	252	997567	20.986	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.421	276	1327901m	20.933	ng/ul	
95) Dibenzo(a,h)anthracene	28.498	278	1065645	20.746	ng/ul#	98
96) Benzo(g,h,i)perylene	29.568	276	1003303m	20.334	ng/ul	

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

