

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022227.D
 Acq On : 04 Oct 2024 13:41
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020788

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 14:51:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 04 05:25:28 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	115325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	451777	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	376733	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	963201	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1056947	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1228927	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	20853	7.083	ng/uL	0.00
4) Pyridine-d5	3.628	84	150067	17.831	ng/u1	0.00
7) Phenol-d5	6.875	99	173068	18.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	103906	17.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	137482	20.143	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	143697	19.223	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	67474	19.955	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	79894	20.838	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	171882	20.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	197927	19.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	556272	19.101	ng/u1	0.00
49) Acenaphthylene-d8	13.986	160	607988	19.719	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	84534	16.970	ng/u1	0.00
60) Fluorene-d10	15.304	176	505023	19.605	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	92312	15.437	ng/u1	0.00
73) Anthracene-d10	17.204	188	857311	19.066	ng/u1	0.00
81) Pyrene-d10	19.580	212	1069097	19.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1234301	19.096	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	22111	6.933	ng/uL	91
5) Pyridine	3.646	79	158143	18.496	ng/u1	99
6) Benzaldehyde	6.846	77	87364	16.371	ng/u1	99
8) Phenol	6.899	94	179295	18.212	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.116	93	138509	18.382	ng/u1	99
12) 2-Chlorophenol	7.263	128	136637	19.310	ng/u1	98
13) 2-Methylphenol	8.128	108	132408	18.544	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	124916	17.871	ng/u1	98
16) Acetophenone	8.504	105	238312	19.166	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.487	70	125262	19.432	ng/u1	96
18) 4-Methylphenol	8.451	108	147054	18.886	ng/u1	99
19) Hexachloroethane	8.751	117	61840	18.514	ng/u1	93
22) Nitrobenzene	8.875	77	187902	18.176	ng/u1	96
23) Isophorone	9.393	82	345860	19.314	ng/u1	98
25) 2-Nitrophenol	9.575	139	82669	20.152	ng/u1	98
26) 2,4-Dimethylphenol	9.640	107	179563	19.322	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	195943	18.983	ng/u1	100
29) 2,4-Dichlorophenol	10.104	162	166481	20.126	ng/u1	97
30) Naphthalene	10.504	128	473917	19.936	ng/u1	99
32) 4-Chloroaniline	10.610	127	189496	19.260	ng/u1	100
33) Hexachlorobutadiene	10.787	225	138863	18.907	ng/u1	98
34) Caprolactam	11.387	113	46345m	18.469	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	179833	20.095	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	347300	19.660	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	359708	20.190	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	261125	18.695	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	138810	15.799	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	166493	19.940	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	176254	19.493	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	508288	18.867	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	423240	19.512	ng/ul	99
45) 2-Nitroaniline	13.375	65	116240	18.533	ng/ul	90
47) Dimethylphthalate	13.757	163	558836	19.106	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	110380	19.685	ng/ul	98
50) Acenaphthylene	14.016	152	650210	20.222	ng/ul	99
51) 3-Nitroaniline	14.210	138	87920	17.222	ng/ul	97
52) Acenaphthene	14.369	153	449048	19.221	ng/ul	98
53) 2,4-Dinitrophenol	14.422	184	50363	13.200	ng/ul	96
55) 4-Nitrophenol	14.539	109	94658	16.797	ng/ul	92
56) Dibenzofuran	14.704	168	666564	19.191	ng/ul	99
57) 2,4-Dinitrotoluene	14.669	165	171570	19.855	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.939	232	176536	20.283	ng/ul	98
59) Diethylphthalate	15.145	149	558351	19.288	ng/ul	99
61) Fluorene	15.363	166	558360	19.330	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	330239	19.858	ng/ul	98
63) 4-Nitroaniline	15.386	138	88908	17.111	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.445	198	100609	15.453	ng/ul	100
67) N-Nitrosodiphenylamine	15.581	169	484112	19.083	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	234282	20.254	ng/ul	100
69) Hexachlorobenzene	16.392	284	292195	20.804	ng/ul	95
70) Atrazine	16.557	200	185827	16.420	ng/ul	98
71) Pentachlorophenol	16.739	266	166511	17.769	ng/ul	98
72) Phenanthrene	17.139	178	974622	19.299	ng/ul	100
74) Anthracene	17.239	178	984826	19.163	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	258903	17.912	ng/uL	98
76) Pentachlorobenzene	14.628	250	302493	19.031	ng/uL	99
77) Carbazole	17.516	167	839752	18.540	ng/ul	100
78) Di-n-butylphthalate	18.110	149	995655	19.066	ng/ul	99
80) Fluoranthene	19.233	202	1242154	19.847	ng/ul	98
82) Pyrene	19.616	202	1311098	19.462	ng/ul	96
83) Butylbenzylphthalate	20.563	149	469107	19.980	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	432850	17.886	ng/ul	98
85) Benzo(a)anthracene	21.521	228	1400627	19.229	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	679331	19.721	ng/ul	98
87) Chrysene	21.580	228	1274863	18.649	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	1149643	18.937	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1481175m	19.415	ng/ul	
91) Benzo(k)fluoranthene	23.857	252	1473932	19.385	ng/ul#	99
93) Benzo(a)pyrene	24.680	252	1397896	19.886	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.539	276	1735813m	18.938	ng/ul	
95) Dibenzo(a,h)anthracene	28.597	278	1436174m	19.451	ng/ul	
96) Benzo(g,h,i)perylene	29.697	276	1379351m	19.395	ng/ul	

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

