

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
 Data File : BP022727.D
 Acq On : 30 Oct 2024 02:12
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020688

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 11:04:59 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	7.640	152	91946	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	355922	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	284088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	689137	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	717946	20.000	ng/u1	# 0.00
88) Perylene-d12	24.751	264	854799	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	17454	7.377	ng/uL	0.00
4) Pyridine-d5	3.593	84	126041	19.404	ng/u1	0.00
7) Phenol-d5	6.834	99	155809	20.131	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	89123	19.592	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	118053	21.496	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	128154	20.748	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	58473	21.366	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	70143	22.138	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	151575	22.509	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	159494	20.044	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	453847	20.107	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	504271	21.035	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	70515	18.622	ng/u1	0.00
60) Fluorene-d10	15.275	176	409833	20.934	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	76604	16.902	ng/u1	0.00
73) Anthracene-d10	17.169	188	667374	20.586	ng/u1	0.00
81) Pyrene-d10	19.545	212	822556	21.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.521	264	946476	20.733	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	17976	7.066	ng/uL	94
5) Pyridine	3.611	79	128902	19.354	ng/u1	98
6) Benzaldehyde	6.799	77	92771	22.180	ng/u1	97
8) Phenol	6.858	94	161192	20.018	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	121680	20.191	ng/u1	99
12) 2-Chlorophenol	7.216	128	121046	21.315	ng/u1	96
13) 2-Methylphenol	8.087	108	119718	20.486	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.152	45	139034	19.851	ng/u1	98
16) Acetophenone	8.452	105	207885	20.386	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	106311	20.578	ng/u1	98
18) 4-Methylphenol	8.410	108	131905	20.346	ng/u1	95
19) Hexachloroethane	8.699	117	55338	20.923	ng/u1	97
22) Nitrobenzene	8.822	77	165729	20.288	ng/u1	99
23) Isophorone	9.346	82	293794	20.059	ng/u1	99
25) 2-Nitrophenol	9.528	139	73052	21.394	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	159404	21.477	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.816	93	163804	19.697	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	146745	22.129	ng/u1	99
30) Naphthalene	10.446	128	397843	20.986	ng/u1	97
32) 4-Chloroaniline	10.563	127	160570	20.443	ng/u1	95
33) Hexachlorobutadiene	10.722	225	122251	21.873	ng/u1	100
34) Caprolactam	11.346	113	40833m	19.099	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	155726	21.523	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	299806	21.544	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	302392	21.290	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	224562	21.378	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	101959	15.931	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	142274	21.532	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	152995	21.746	ng/ul	98
43) 1,1'-Biphenyl	13.081	154	423144	20.664	ng/ul	100
44) 2-Chloronaphthalene	13.128	162	351230	20.953	ng/ul	99
45) 2-Nitroaniline	13.340	65	98581	19.696	ng/ul	98
47) Dimethylphthalate	13.710	163	449485	19.985	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	89091	20.942	ng/ul	99
50) Acenaphthylene	13.981	152	520871	20.935	ng/ul	99
51) 3-Nitroaniline	14.187	138	80576	20.166	ng/ul	97
52) Acenaphthene	14.328	153	369274	20.989	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	44753	14.298	ng/ul	95
55) 4-Nitrophenol	14.528	109	80524	19.160	ng/ul	91
56) Dibenzofuran	14.669	168	547384	20.712	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	138214	20.908	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	141308	21.518	ng/ul	96
59) Diethylphthalate	15.098	149	429677	19.913	ng/ul	99
61) Fluorene	15.328	166	441397	20.498	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	256329	20.816	ng/ul	97
63) 4-Nitroaniline	15.357	138	84625m	21.048	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	85326	17.478	ng/ul	98
67) N-Nitrosodiphenylamine	15.557	169	383812	20.798	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	177792	21.394	ng/ul	95
69) Hexachlorobenzene	16.363	284	220248	21.531	ng/ul	96
70) Atrazine	16.534	200	158813	20.703	ng/ul	95
71) Pentachlorophenol	16.716	266	134313	20.421	ng/ul	96
72) Phenanthrene	17.104	178	753519	20.437	ng/ul	99
74) Anthracene	17.204	178	746316	20.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	228956	21.820	ng/uL	99
76) Pentachlorobenzene	14.598	250	251931	21.719	ng/uL	98
77) Carbazole	17.481	167	643919	19.779	ng/ul	98
78) Di-n-butylphthalate	18.069	149	726863	20.178	ng/ul	99
80) Fluoranthene	19.192	202	950963	21.788	ng/ul	100
82) Pyrene	19.575	202	1005917	21.503	ng/ul	99
83) Butylbenzylphthalate	20.527	149	341640	20.976	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	331584	19.375	ng/ul	98
85) Benzo(a)anthracene	21.474	228	1027340	20.412	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	476600	20.386	ng/ul	98
87) Chrysene	21.551	228	964222	20.661	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	788954	19.404	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	1136648	21.125	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	1077357	20.451	ng/ul	99
93) Benzo(a)pyrene	24.598	252	1004047	20.275	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.439	276	1378386	20.858	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.509	278	1107299	20.692	ng/ul	98
96) Benzo(g,h,i)perylene	29.574	276	1048127m	20.391	ng/ul	

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

