

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023079.D
 Acq On : 13 Nov 2024 13:29
 Operator : RC/JU
 Sample : PB164832BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS832

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 14 01:14:24 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 13 04:49:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	90328	20.000	ng/u1	0.00
20) Naphthalene-d8	10.328	136	364634	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.198	164	288957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	721715	20.000	ng/u1	-0.01
79) Chrysene-d12	21.439	240	843469	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	974865	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13030	6.934	ng/uL	0.00
4) Pyridine-d5	3.546	84	170018	30.452	ng/u1	0.00
7) Phenol-d5	6.781	99	227161	34.015	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	128769	32.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	164275	33.588	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	178820	32.539	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	81860	32.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	99395	32.843	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	210061	33.145	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	212061	28.047	ng/u1	0.00
46) Dimethylphthalate-d6	13.604	166	681625	32.730	ng/u1	0.00
49) Acenaphthylene-d8	13.886	160	724330	33.333	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.439	143	100673	32.166	ng/u1	-0.01
60) Fluorene-d10	15.210	176	593760	32.519	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	144522	33.428	ng/u1	0.00
73) Anthracene-d10	17.110	188	1004323	32.866	ng/u1	0.00
81) Pyrene-d10	19.486	212	1300955	33.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	1641101	35.341	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	25285	11.645	ng/uL	92
5) Pyridine	3.563	79	168291	30.014	ng/u1	97
6) Benzaldehyde	6.752	77	88648	23.067	ng/u1	92
8) Phenol	6.810	94	225732	32.369	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.022	93	168439	32.142	ng/u1	96
12) 2-Chlorophenol	7.157	128	163238	32.147	ng/u1	97
13) 2-Methylphenol	8.028	108	165413	31.776	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	189987	32.025	ng/u1	96
16) Acetophenone	8.393	105	282242	30.563	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.375	70	147022	31.885	ng/u1	98
18) 4-Methylphenol	8.351	108	180418	31.379	ng/u1	97
19) Hexachloroethane	8.628	117	75389	30.698	ng/u1	99
22) Nitrobenzene	8.763	77	228046	31.308	ng/u1	99
23) Isophorone	9.281	82	410437	31.513	ng/u1	97
25) 2-Nitrophenol	9.463	139	100037	31.318	ng/u1	90
26) 2,4-Dimethylphenol	9.534	107	178125	25.824	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.751	93	231903	32.361	ng/u1	96
29) 2,4-Dichlorophenol	9.998	162	201360	32.076	ng/u1	98
30) Naphthalene	10.375	128	537773	30.357	ng/u1	100
32) 4-Chloroaniline	10.498	127	163266	22.288	ng/u1	100
33) Hexachlorobutadiene	10.657	225	160936	28.333	ng/u1	99
34) Caprolactam	11.287	113	58016m	31.071	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	219871	32.557	ng/u1	99
36) 2-Methylnaphthalene	11.992	142	404145	30.219	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.210	142	408512	29.880	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.363	216	300763	30.831	ng/ul	97
40) Hexachlorocyclopentadiene	12.334	237	131648	25.693	ng/ul	96
41) 2,4,6-Trichlorophenol	12.610	196	184150	31.001	ng/ul	93
42) 2,4,5-Trichlorophenol	12.704	196	199754	31.192	ng/ul	98
43) 1,1'-Biphenyl	13.004	154	591864	31.966	ng/ul	99
44) 2-Chloronaphthalene	13.045	162	489025	32.310	ng/ul	99
45) 2-Nitroaniline	13.281	65	146040	34.363	ng/ul#	87
47) Dimethylphthalate	13.645	163	654305	31.857	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	136675	34.210	ng/ul	99
50) Acenaphthylene	13.916	152	734871	33.455	ng/ul	99
51) 3-Nitroaniline	14.122	138	116830	33.952	ng/ul	94
52) Acenaphthene	14.263	153	505327	31.688	ng/ul	97
53) 2,4-Dinitrophenol	14.345	184	85354	30.110	ng/ul	91
55) 4-Nitrophenol	14.463	109	112900	30.833	ng/ul	96
56) Dibenzofuran	14.610	168	765313	31.061	ng/ul	99
57) 2,4-Dinitrotoluene	14.598	165	213875	33.589	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.851	232	180529	28.840	ng/ul	97
59) Diethylphthalate	15.039	149	654604	32.226	ng/ul	99
61) Fluorene	15.275	166	632510	31.365	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	364402	30.689	ng/ul	99
63) 4-Nitroaniline	15.316	138	126484	39.502	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.375	198	148959	32.253	ng/ul#	95
67) N-Nitrosodiphenylamine	15.480	169	548621	32.897	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	259636	31.769	ng/ul	97
69) Hexachlorobenzene	16.292	284	319439	31.048	ng/ul	98
70) Atrazine	16.463	200	101419	12.581	ng/ul	97
71) Pentachlorophenol	16.663	266	164914	25.818	ng/ul	97
72) Phenanthrene	17.051	178	1115109	32.725	ng/ul	99
74) Anthracene	17.145	178	1104581	32.241	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	305033	32.012	ng/uL	99
76) Pentachlorobenzene	14.522	250	337531	31.022	ng/uL	98
77) Carbazole	17.433	167	986575	33.006	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1110591	33.482	ng/ul	100
80) Fluoranthene	19.133	202	1488942	33.266	ng/ul	100
82) Pyrene	19.516	202	1544922	32.130	ng/ul	99
83) Butylbenzylphthalate	20.474	149	537977	33.983	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	597537	31.560	ng/ul	98
85) Benzo(a)anthracene	21.421	228	1699095	32.990	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	757015	33.650	ng/ul	99
87) Chrysene	21.486	228	1545138	31.884	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	1301208	32.900	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1869734	34.458	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	1777908	33.284	ng/ul#	99
93) Benzo(a)pyrene	24.509	252	1631987	33.272	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.297	276	2171480	31.775	ng/ul	98
95) Dibenzo(a,h)anthracene	28.350	278	1756798	31.661	ng/ul	99
96) Benzo(g,h,i)perylene	29.415	276	1675292	32.275	ng/ul	98

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

