

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018472.D
 Acq On : 01 Dec 2023 12:12
 Operator : MA/JU
 Sample : SSTD08068
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD080634

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 21:47:33 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 01 15:19:56 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	393385	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1730881	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1064767	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2167974	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1256285	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	1392062	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	338814	29.350	ng/uL	0.00
4) Pyridine-d5	3.693	84	2384189	77.105	ng/u1	0.00
7) Phenol-d5	7.040	99	3126725	79.202	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	1792770	76.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	2329330	75.617	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	2499232	78.227	ng/u1	0.01
21) Nitrobenzene-d5	9.034	128	1196179	77.647	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	1337564	83.745	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	2452143	75.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	3158054	73.991	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	6724827	70.764	ng/u1	0.01
49) Acenaphthylene-d8	14.193	160	7506625	71.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	1211494	77.665	ng/u1	0.02
60) Fluorene-d10	15.493	176	5503125	68.988	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	1113098	85.628	ng/u1	0.01
73) Anthracene-d10	17.351	188	7932683	69.601	ng/u1	0.01
81) Pyrene-d10	19.581	212	7657491	78.304	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	6164721	75.951	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	366917	28.984	ng/uL	97
5) Pyridine	3.711	79	2399477	76.843	ng/u1	97
6) Benzaldehyde	7.011	77	1513229	74.242	ng/u1	98
8) Phenol	7.069	94	3056543	78.951	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	2437939	76.678	ng/u1	100
12) 2-Chlorophenol	7.434	128	2321329	74.458	ng/u1	99
13) 2-Methylphenol	8.316	108	2335797	78.809	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	3075387	76.232	ng/u1	98
16) Acetophenone	8.705	105	3532644	74.194	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.711	70	1768401	67.513	ng/u1	96
18) 4-Methylphenol	8.664	108	2512394	77.629	ng/u1	95
19) Hexachloroethane	8.946	117	946300	74.039	ng/u1	99
22) Nitrobenzene	9.081	77	2750828	73.443	ng/u1	98
23) Isophorone	9.616	82	5487594	71.857	ng/u1	99
25) 2-Nitrophenol	9.787	139	1362739	79.687	ng/u1	99
26) 2,4-Dimethylphenol	9.852	107	2376429	71.053	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.093	93	3358504	69.659	ng/u1	100
29) 2,4-Dichlorophenol	10.322	162	2311934	73.494	ng/u1	99
30) Naphthalene	10.722	128	7292343	69.450	ng/u1	99
32) 4-Chloroaniline	10.834	127	2978913	73.229	ng/u1	100
33) Hexachlorobutadiene	11.005	225	1561613	74.123	ng/u1	99
34) Caprolactam	11.646	113	725926m	75.237	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	2513599	71.327	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	5057656	67.991	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	5054824	67.287	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	2923347	75.673	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	1850884	80.833	ng/ul	98
41) 2,4,6-Trichlorophenol	12.934	196	1956424	78.725	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	2107230	78.214	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	6458444	70.134	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	5221439	71.791	ng/ul	99
45) 2-Nitroaniline	13.587	65	1549752	78.600	ng/ul	98
47) Dimethylphthalate	13.969	163	6593754	70.488	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	1427324	80.761	ng/ul	96
50) Acenaphthylene	14.222	152	8066693	68.565	ng/ul	98
51) 3-Nitroaniline	14.416	138	1369652	77.634	ng/ul	99
52) Acenaphthene	14.563	153	5409836	69.544	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	827504	88.345	ng/ul	95
55) 4-Nitrophenol	14.728	109	908834	77.116	ng/ul	95
56) Dibenzofuran	14.898	168	7398559	68.432	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	1934369	77.809	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.122	232	1736496	76.839	ng/ul	98
59) Diethylphthalate	15.334	149	6434934	70.298	ng/ul	99
61) Fluorene	15.551	166	5524059	64.572	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	3058674	68.171	ng/ul	96
63) 4-Nitroaniline	15.587	138	1262272	76.595	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.634	198	1160891	83.530	ng/ul	94
67) N-Nitrosodiphenylamine	15.757	169	5085133	70.784	ng/ul	99
68) 4-Bromophenyl-phenylether	16.440	248	2098637	76.677	ng/ul	96
69) Hexachlorobenzene	16.545	284	2293765	75.062	ng/ul	99
70) Atrazine	16.722	200	1513018	70.840	ng/ul	99
71) Pentachlorophenol	16.892	266	1483754	81.642	ng/ul	99
72) Phenanthrene	17.292	178	8957795	68.414	ng/ul	98
74) Anthracene	17.381	178	8853684	67.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	2968366	79.185	ng/ul	99
76) Pentachlorobenzene	14.816	250	2796358	75.942	ng/ul	99
77) Carbazole	17.657	167	7649138	73.126	ng/ul	99
78) Di-n-butylphthalate	18.210	149	9652139	69.298	ng/ul	99
80) Fluoranthene	19.257	202	9078460	78.537	ng/ul	97
82) Pyrene	19.610	202	8783383	75.321	ng/ul	97
83) Butylbenzylphthalate	20.486	149	3390128	79.411	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.251	252	2389306	78.264	ng/ul	100
85) Benzo(a)anthracene	21.316	228	7402099	72.590	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	4388654	74.793	ng/ul	99
87) Chrysene	21.369	228	6787570	72.282	ng/ul	98
89) Di-n-octyl phthalate	22.163	149	7467461	73.471	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	7501342	73.086	ng/ul	99
91) Benzo(k)fluoranthene	23.033	252	6955655	70.041	ng/ul	99
93) Benzo(a)pyrene	23.610	252	6989748	74.531	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.198	276	9369126	83.614	ng/ul	99
95) Dibenzo(a,h)anthracene	26.221	278	7654044	82.114	ng/ul	98
96) Benzo(g,h,i)perylene	26.963	276	7766039	86.121	ng/ul	98

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

