Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018029.D
Acq On : 10 Nov 2023 17:11
Operator : MA/JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010618

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 21:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:21:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	59667	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	250787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	165478	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	373113	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	351109	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	386646	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	6651	3.932	ng/uL	0.00
4) Pyridine-d5	3.669	84	37726	8.554	ng/ul	0.00
7) Phenol-d5	7.022	99	49558	8.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	31309	9.249	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	41305	9.055	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	41081	8.703	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	20529	9.086	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	22493	8.852	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	39746	8.712	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	55495	8.870	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	143158	9.376	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	154628	9.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	11154	4.889	ng/ul	0.01
60) Fluorene-d10	15.528	176	120091	9.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	21448	7.952	ng/ul	0.00
73) Anthracene-d10	17.410	188	189711	9.401	ng/ul	0.00
81) Pyrene-d10	19.663	212	221296	9.436	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	205562	9.143	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	7098	3.846	ng/uL	95
5) Pyridine	3.693	79	40683	8.938	ng/ul	98
6) Benzaldehyde	7.022	77	32116m	10.525	ng/ul	
8) Phenol	7.046	94	49280	8.672	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.299	93	41628	9.443	ng/ul	96
12) 2-Chlorophenol	7.410	128	42241	9.223	ng/ul	98
13) 2-Methylphenol	8.310	108	37310	8.690	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.381	45	48921m	9.718	ng/ul	
16) Acetophenone	8.710	105	68569	9.139	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.669	70	38495	9.397	ng/ul	98
18) 4-Methylphenol	8.646	108	41278	8.815	ng/ul	96
19) Hexachloroethane	8.904	117	21016	9.590	ng/ul	95
22) Nitrobenzene	9.099	77	55502	9.097	ng/ul	96
23) Isophorone	9.610	82	101837	9.148	ng/ul	98
25) 2-Nitrophenol	9.804	139	23082	8.775	ng/ul	94
26) 2,4-Dimethylphenol	9.846	107	51792	9.256	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	57333	9.444	ng/ul	98
29) 2,4-Dichlorophenol	10.328	162	38768	8.899	ng/ul	98
30) Naphthalene	10.722	128	144909	9.501	ng/ul	98
32) 4-Chloroaniline	10.881	127	52316	8.730	ng/ul	96
33) Hexachlorobutadiene	10.940	225	30671	9.590	ng/ul	93
34) Caprolactam	11.716	113	13545m	9.241	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	47230	9.113	ng/ul	98
36) 2-Methylnaphthalene	12.340	142	96690	9.234	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	99232	9.223	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.693	216	52096	9.319	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	17909	6.637	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.957	196	33219	9.059	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	33846	8.905	ng/ul	94
43) 1,1'-Biphenyl	13.357	154	133193	9.466	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	104921	9.392	ng/ul	99
45) 2-Nitroaniline	13.663	65	30927	8.579	ng/ul	98
47) Dimethylphthalate	13.992	163	140636	9.390	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	26887	9.032	ng/ul	99
50) Acenaphthylene	14.257	152	177275	9.442	ng/ul	99
51) 3-Nitroaniline	14.504	138	21876	7.919	ng/ul	94
52) Acenaphthene	14.592	153	117109	9.406	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	10322m	6.403	ng/ul	
55) 4-Nitrophenol	14.816	109	22492	7.427	ng/ul	81
56) Dibenzofuran	14.934	168	159516	9.350	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	39636	8.911	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	31351	9.132	ng/ul	97
59) Diethylphthalate	15.351	149	148407	9.484	ng/ul	99
61) Fluorene	15.586	166	135790	9.375	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	65901	9.284	ng/ul	100
63) 4-Nitroaniline	15.675	138	22039m	8.524	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	23323	8.333	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	112400	9.393	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	39572	9.410	ng/ul	97
69) Hexachlorobenzene	16.563	284	44120	9.402	ng/ul	96
70) Atrazine	16.769	200	41291	9.892	ng/ul	96
71) Pentachlorophenol	16.945	266	23763m	8.389	ng/ul	
72) Phenanthrene	17.351	178	214823	9.377	ng/ul	98
74) Anthracene	17.445	178	215101	9.201	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	53233	9.343	ng/uL	97
76) Pentachlorobenzene	14.822	250	52672	9.443	ng/uL	95
77) Carbazole	17.739	167	190431	9.380	ng/ul	100
78) Di-n-butylphthalate	18.245	149	238560	9.261	ng/ul	99
80) Fluoranthene	19.333	202	255047	9.312	ng/ul	99
82) Pyrene	19.692	202	266715	9.293	ng/ul	99
83) Butylbenzylphthalate	20.557	149	110974	9.194	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	74949	8.935	ng/ul	99
85) Benzo(a)anthracene	21.416	228	265000	9.347	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	151873	9.126	ng/ul	99
87) Chrysene	21.474	228	248350	9.363	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	252699	8.739	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	253112	9.199	ng/ul	99
91) Benzo(k)fluoranthene	23.215	252	254989	9.211	ng/ul	99
93) Benzo(a)pyrene	23.827	252	239404	9.213	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	282731	9.072	ng/ul	96
95) Dibenzo(a,h)anthracene	26.621	278	231696	9.029	ng/ul	98
96) Benzo(g,h,i)perylene	27.427	276	229310	9.199	ng/ul	96

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

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