Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017988.D
Acq On : 09 Nov 2023 15:01
Operator : MA/JU
Sample : SSTD01047
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010611

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

Quant Time: Nov 09 22:12:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 21:43:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	52111	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	214461	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	141713	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	329406	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	339488	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	386179	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	5738	3.769	ng/uL	0.00
4) Pyridine-d5	3.687	84	34894	8.820	ng/ul	0.00
7) Phenol-d5	7.034	99	42478	8.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	28708	9.677	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	36052	9.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	34921	8.891	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	17758	9.246	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	19022	8.899	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	33934	8.862	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	47032	8.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	122980	9.440	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	128587	9.207	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	9962	5.221	ng/ul	0.00
60) Fluorene-d10	15.545	176	101034	9.357	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	17531	7.622	ng/ul	0.00
73) Anthracene-d10	17.422	188	165435	9.373	ng/ul	0.00
81) Pyrene-d10	19.675	212	201265	9.212	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	206789	9.213	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	6959m	4.111	ng/uL	
5) Pyridine	3.705	79	38399	9.455	ng/ul	93
6) Benzaldehyde	7.040	77	27843	10.329	ng/ul	90
8) Phenol	7.063	94	43530	9.027	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.310	93	35922	9.438	ng/ul	97
12) 2-Chlorophenol	7.422	128	36507	9.159	ng/ul	95
13) 2-Methylphenol	8.322	108	32082	8.877	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	43112m	9.776	ng/ul	
16) Acetophenone	8.728	105	59410	9.459	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.687	70	30645	8.909	ng/ul	98
18) 4-Methylphenol	8.657	108	36586	9.335	ng/ul	99
19) Hexachloroethane	8.922	117	17496	9.183	ng/ul	89
22) Nitrobenzene	9.116	77	48828	9.344	ng/ul	97
23) Isophorone	9.622	82	84403	9.123	ng/ul	98
25) 2-Nitrophenol	9.822	139	19151	8.713	ng/ul	97
26) 2,4-Dimethylphenol	9.863	107	43720	9.305	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	47997	9.189	ng/ul	96
29) 2,4-Dichlorophenol	10.346	162	33431	9.105	ng/ul	94
30) Naphthalene	10.740	128	123515	9.498	ng/ul	100
32) 4-Chloroaniline	10.899	127	45037	8.971	ng/ul	97
33) Hexachlorobutadiene	10.957	225	26349	9.659	ng/ul	98
34) Caprolactam	11.728	113	10581m	9.030	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	39745	9.091	ng/ul	96
36) 2-Methylnaphthalene	12.357	142	82784	9.314	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	85925	9.490	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	44039	9.165	ng/ul	97
40) Hexachlorocyclopentadiene	12.645	237	13863	6.034	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	27647	8.849	ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	29521	8.951	ng/ul	96
43) 1,1'-Biphenyl	13.369	154	111875	9.284	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	88205	9.253	ng/ul	99
45) 2-Nitroaniline	13.681	65	26039	8.635	ng/ul	87
47) Dimethylphthalate	14.010	163	124280	9.457	ng/ul	98
48) 2,6-Dinitrotoluene	14.169	165	22010	8.919	ng/ul	92
50) Acenaphthylene	14.269	152	148581	9.290	ng/ul	98
51) 3-Nitroaniline	14.516	138	19531m	8.508	ng/ul	
52) Acenaphthene	14.610	153	100209	9.429	ng/ul	99
53) 2,4-Dinitrophenol	14.734	184	8326m	6.314	ng/ul	
55) 4-Nitrophenol	14.828	109	20479m	7.923	ng/ul	
56) Dibenzofuran	14.951	168	138530	9.443	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	33490	8.873	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.175	232	26845	9.179	ng/ul	94
59) Diethylphthalate	15.369	149	205367	9.710	ng/ul	98
61) Fluorene	15.598	166	115830	9.361	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.592	204	56736	9.341	ng/ul	98
63) 4-Nitroaniline	15.692	138	17455m	8.033	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	18874	7.833	ng/ul	99
67) N-Nitrosodiphenylamine	15.822	169	98228	9.311	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	31587	8.783	ng/ul	94
69) Hexachlorobenzene	16.581	284	38089	9.342	ng/ul	96
70) Atrazine	16.781	200	34760	9.521	ng/ul	99
71) Pentachlorophenol	16.957	266	20844	8.324	ng/ul	97
72) Phenanthrene	17.369	178	194096	9.466	ng/ul	99
74) Anthracene	17.463	178	195524	9.432	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	44853	9.075	ng/uL	97
76) Pentachlorobenzene	14.839	250	44465	9.156	ng/uL	97
77) Carbazole	17.757	167	166626	9.309	ng/ul	99
78) Di-n-butylphthalate	18.263	149	221533	9.202	ng/ul	99
80) Fluoranthene	19.345	202	233521	9.234	ng/ul	98
82) Pyrene	19.704	202	247088	9.245	ng/ul	99
83) Butylbenzylphthalate	20.574	149	101873	8.802	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.380	252	67781	8.426	ng/ul	97
85) Benzo(a)anthracene	21.433	228	254101	9.310	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	143754	8.858	ng/ul	99
87) Chrysene	21.492	228	245491	9.550	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	245894	8.389	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	257210	9.267	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	251694	9.086	ng/ul	98
93) Benzo(a)pyrene	23.851	252	238866	9.130	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	288530	9.305	ng/ul	99
95) Dibenzo(a,h)anthracene	26.657	278	233029	9.090	ng/ul	95
96) Benzo(g,h,i)perylene	27.468	276	229034	9.256	ng/ul#	95

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

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