Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020880.D
Acq On : 10 Jul 2024 14:29
Operator : MA/JU
Sample : SSTD00519
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005644

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 16:53:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 16:42:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	183346	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	777641	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	531089	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1120441	20.000	ng/ul	-0.01
79) Chrysene-d12	21.633	240	896404	20.000	ng/ul	0.01
88) Perylene-d12	24.986	264	951805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	7828	1.842	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.264	132	58479	4.718	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.875	128	27762	4.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	31515	5.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	59446	4.975	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.757	166	199537	5.385	ng/ul	-0.01
49) Acenaphthylene-d8	14.046	160	216538	4.938	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.375	176	162339	5.216	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.275	188	250258	5.021	ng/ul	0.00
81) Pyrene-d10	19.663	212	282422	5.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	234330	5.056	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	9174	1.947	ng/uL	93
12) 2-Chlorophenol	7.299	128	60568	4.873	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.516	70	51141	4.937	ng/ul	98
19) Hexachloroethane	8.775	117	28299	5.229	ng/ul	94
22) Nitrobenzene	8.916	77	69381	4.687	ng/ul	98
23) Isophorone	9.428	82	146291	4.994	ng/ul	99
25) 2-Nitrophenol	9.622	139	33008	5.148	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	70806	4.910	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.910	93	89076	5.079	ng/ul	99
29) 2,4-Dichlorophenol	10.152	162	60227m	5.095	ng/ul	
30) Naphthalene	10.540	128	212450	5.134	ng/ul	99
33) Hexachlorobutadiene	10.810	225	47279	5.351	ng/ul	98
35) 4-Chloro-3-methylphenol	11.804	107	64787	4.965	ng/ul	99
36) 2-Methylnaphthalene	12.163	142	145870	5.239	ng/ul	100
37) 1-Methylnaphthalene	12.369	142	148192	5.188	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	84927	4.996	ng/ul	97
41) 2,4,6-Trichlorophenol	12.781	196	53802	5.249	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	57207m	5.377	ng/ul	
43) 1,1'-Biphenyl	13.175	154	195943	4.964	ng/ul	100
44) 2-Chloronaphthalene	13.228	162	160233	5.155	ng/ul	97
45) 2-Nitroaniline	13.446	65	38962	4.861	ng/ul	98
47) Dimethylphthalate	13.804	163	206003	5.444	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	37898	5.517	ng/ul	94
50) Acenaphthylene	14.075	152	249909	5.056	ng/ul	99

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52) Acenaphthene	14.422	153	169266	5.157	ng/ul	98
56) Dibenzofuran	14.769	168	239014	5.388	ng/ul	97
57) 2,4-Dinitrotoluene	14.751	165	51536	5.420	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.004	232	49183	5.530	ng/ul	100
59) Diethylphthalate	15.198	149	208333	5.591	ng/ul	99
61) Fluorene	15.428	166	200202	5.605	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.422	204	108274	5.759	ng/ul	97
67) N-Nitrosodiphenylamine	15.645	169	164313	5.002	ng/ul	97
68) 4-Bromophenyl-phenylether	16.340	248	63812	5.055	ng/ul	97
69) Hexachlorobenzene	16.451	284	75791	5.363	ng/ul	97
72) Phenanthrene	17.216	178	305090	5.236	ng/ul	99
74) Anthracene	17.316	178	308618	5.149	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	85070	4.714	ng/uL	100
76) Pentachlorobenzene	14.681	250	86292	4.949	ng/uL	99
78) Di-n-butylphthalate	18.175	149	345875	5.329	ng/ul	99
80) Fluoranthene	19.310	202	349025	5.232	ng/ul	98
82) Pyrene	19.692	202	359748	5.288	ng/ul	98
83) Butylbenzylphthalate	20.639	149	148978	5.777	ng/ul	99
85) Benzo(a)anthracene	21.616	228	322868	5.126	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	216738	5.520	ng/ul	98
87) Chrysene	21.680	228	299981	5.071	ng/ul	99
90) Benzo(b)fluoranthene	23.916	252	302431	5.253	ng/ul	96
91) Benzo(k)fluoranthene	23.986	252	298552	5.133	ng/ul	99
93) Benzo(a)pyrene	24.827	252	277414	5.093	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	356912	5.075	ng/ul	98
95) Dibenzo(a,h)anthracene	28.874	278	290521	5.029	ng/ul	98
96) Benzo(g,h,i)perylene	29.974	276	290009	5.044	ng/ul	97

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

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