Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017987.D
Acq On : 09 Nov 2023 14:27
Operator : MA/JU
Sample : SSTD00546
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005610

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

Quant Time: Nov 09 22:09:23 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	7.869	152	60284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	255056	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	169585	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	397669	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	424481	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	473664	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	4176	2.371	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	7.393	132	25502	5.626	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.075	128	12876	5.637	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	13370	5.260	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	24574	5.396	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.963	166	89528	5.743	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	93099	5.570	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.545	176	74935	5.799	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.428	188	119251	5.597	ng/ul	0.00
81) Pyrene-d10	19.680	212	147761	5.409	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	152271	5.531	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	4667	2.383	ng/uL	95
12) 2-Chlorophenol	7.428	128	26643	5.778	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.687	70	23587	5.927	ng/ul	99
19) Hexachloroethane	8.922	117	13174	5.977	ng/ul	97
22) Nitrobenzene	9.122	77	33929	5.460	ng/ul	98
23) Isophorone	9.628	82	60814	5.527	ng/ul	96
25) 2-Nitrophenol	9.822	139	13755	5.262	ng/ul	97
26) 2,4-Dimethylphenol	9.863	107	30785	5.509	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	35278	5.679	ng/ul	98
29) 2,4-Dichlorophenol	10.352	162	23251	5.325	ng/ul	98
30) Naphthalene	10.746	128	88864	5.746	ng/ul	97
33) Hexachlorobutadiene	10.957	225	18429	5.681	ng/ul	95
35) 4-Chloro-3-methylphenol	12.010	107	27783	5.344	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	60406	5.715	ng/ul	98
37) 1-Methylnaphthalene	12.575	142	61268	5.689	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.710	216	32589	5.667	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	20279m	5.424	ng/ul	
42) 2,4,5-Trichlorophenol	13.057	196	22235m	5.634	ng/ul	
43) 1,1'-Biphenyl	13.375	154	83255	5.774	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	64864	5.686	ng/ul	99
45) 2-Nitroaniline	13.681	65	17486	4.846	ng/ul	94
47) Dimethylphthalate	14.010	163	94996	6.040	ng/ul	98
48) 2,6-Dinitrotoluene	14.169	165	15351	5.198	ng/ul#	93
50) Acenaphthylene	14.275	152	109185	5.704	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.610	153	73159	5.752	ng/ul	97
56) Dibenzofuran	14.951	168	101281	5.769	ng/ul	98
57) 2,4-Dinitrotoluene	14.963	165	24098	5.335	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	18968	5.420	ng/ul	98
59) Diethylphthalate	15.369	149	247845	9.793	ng/ul	99
61) Fluorene	15.604	166	86839	5.865	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.598	204	42453	5.841	ng/ul	94
67) N-Nitrosodiphenylamine	15.828	169	72190	5.668	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	24239	5.583	ng/ul	99
69) Hexachlorobenzene	16.581	284	28202	5.730	ng/ul	96
72) Phenanthrene	17.369	178	143687	5.805	ng/ul	99
74) Anthracene	17.463	178	141990	5.674	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.328	216	32947	5.522	ng/uL	97
76) Pentachlorobenzene	14.845	250	33786	5.763	ng/uL	96
78) Di-n-butylphthalate	18.263	149	172733	5.943	ng/ul	99
80) Fluoranthene	19.351	202	171784	5.433	ng/ul	99
82) Pyrene	19.710	202	186128	5.570	ng/ul	98
83) Butylbenzylphthalate	20.575	149	77942	5.386	ng/ul	96
85) Benzo(a)anthracene	21.439	228	193869	5.681	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.316	149	109999	5.421	ng/ul	99
87) Chrysene	21.492	228	184249	5.732	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	190361	5.592	ng/ul	98
91) Benzo(k)fluoranthene	23.239	252	191735	5.643	ng/ul	98
93) Benzo(a)pyrene	23.857	252	178492	5.562	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	209688	5.513	ng/ul	98
95) Dibenzo(a,h)anthracene	26.668	278	175806	5.591	ng/ul	99
96) Benzo(g,h,i)perylene	27.480	276	168749	5.560	ng/ul	99

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

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