Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020099.D
Acq On : 23 Apr 2024 10:49
Operator : MA/JU
Sample : SSTD01095
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010617

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:29:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	101581	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	415918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	286281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	641313	20.000	ng/ul	-0.01
79) Chrysene-d12	21.645	240	581338	20.000	ng/ul	-0.01
88) Perylene-d12	25.051	264	639929	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	8642	3.865	ng/uL	0.00
4) Pyridine-d5	3.634	84	60890	9.081	ng/ul	0.00
7) Phenol-d5	6.828	99	78476	9.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	52356	9.454	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	58537	9.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	63236	9.664	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	28860	9.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	33481	9.360	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	64130	9.812	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	84670	10.301	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	193514	9.674	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	230858	9.833	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	24636	8.230	ng/ul	0.01
60) Fluorene-d10	15.339	176	177876	10.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	23289	7.570	ng/ul	0.00
73) Anthracene-d10	17.251	188	274251	9.656	ng/ul	0.00
81) Pyrene-d10	19.657	212	327517	9.900	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.809	264	302526	9.724	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	9850	3.817	ng/uL#	95
5) Pyridine	3.652	79	63555	9.261	ng/ul	96
6) Benzaldehyde	6.810	77	50362	10.489	ng/ul	99
8) Phenol	6.852	94	83645	9.401	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.081	93	67529	9.508	ng/ul	99
12) 2-Chlorophenol	7.210	128	61816	9.684	ng/ul	99
13) 2-Methylphenol	8.081	108	61255	9.484	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.163	45	98950	10.018	ng/ul	97
16) Acetophenone	8.463	105	107125	9.969	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	59666	9.786	ng/ul	99
18) 4-Methylphenol	8.404	108	66651	9.706	ng/ul	97
19) Hexachloroethane	8.687	117	31818	10.180	ng/ul	96
22) Nitrobenzene	8.840	77	89144	9.453	ng/ul	98
23) Isophorone	9.357	82	162783	9.559	ng/ul	99
25) 2-Nitrophenol	9.540	139	34943	9.430	ng/ul	98
26) 2,4-Dimethylphenol	9.598	107	78476	9.717	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.840	93	93869	9.640	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	62712	9.857	ng/ul	95
30) Naphthalene	10.457	128	215720	9.990	ng/ul	98
32) 4-Chloroaniline	10.593	127	81491	10.110	ng/ul	96
33) Hexachlorobutadiene	10.722	225	53191	9.700	ng/ul	97
34) Caprolactam	11.392	113	20137m	12.319	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	75301	10.372	ng/ul	96
36) 2-Methylnaphthalene	12.092	142	145705	10.200	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	145889	10.260	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.463	216	92005	9.186	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	23576	6.518	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	58089	9.673	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	60185	9.663	ng/ul	99
43) 1,1'-Biphenyl	13.122	154	199369	9.625	ng/ul	98
44) 2-Chloronaphthalene	13.163	162	161857	9.648	ng/ul	96
45) 2-Nitroaniline	13.398	65	51981	9.583	ng/ul	98
47) Dimethylphthalate	13.769	163	201820	9.916	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	39182	9.630	ng/ul	96
50) Acenaphthylene	14.028	152	258183	9.832	ng/ul	100
51) 3-Nitroaniline	14.251	138	39516	9.843	ng/ul	93
52) Acenaphthene	14.381	153	171920	9.945	ng/ul	98
53) 2,4-Dinitrophenol	14.486	184	11522	6.663	ng/ul	92
55) 4-Nitrophenol	14.592	109	23456	7.520	ng/ul	98
56) Dibenzofuran	14.728	168	243763	10.189	ng/ul	96
57) 2,4-Dinitrotoluene	14.728	165	57263	9.924	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.969	232	54851	9.870	ng/ul	96
59) Diethylphthalate	15.175	149	207433	10.362	ng/ul	97
61) Fluorene	15.392	166	199536	10.146	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	108092	10.114	ng/ul	98
63) 4-Nitroaniline	15.445	138	37351m	10.087	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.498	198	24898	7.730	ng/ul#	96
67) N-Nitrosodiphenylamine	15.622	169	164396	9.726	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	69713	9.973	ng/ul	96
69) Hexachlorobenzene	16.422	284	76160	9.622	ng/ul	99
70) Atrazine	16.616	200	65680	10.026	ng/ul	99
71) Pentachlorophenol	16.792	266	42936	8.685	ng/ul	96
72) Phenanthrene	17.192	178	318942	9.699	ng/ul	100
74) Anthracene	17.292	178	326622	9.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	94793	9.140	ng/uL	98
76) Pentachlorobenzene	14.634	250	92412	9.624	ng/uL	98
77) Carbazole	17.586	167	286748	9.749	ng/ul	99
78) Di-n-butylphthalate	18.180	149	348984	9.812	ng/ul	99
80) Fluoranthene	19.304	202	378730	9.834	ng/ul	100
82) Pyrene	19.686	202	406841	10.138	ng/ul	99
83) Butylbenzylphthalate	20.657	149	160831	9.963	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.563	252	112072	10.261	ng/ul	99
85) Benzo(a)anthracene	21.627	228	398773	9.893	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	238976	10.069	ng/ul	99
87) Chrysene	21.698	228	368644	9.886	ng/ul	98
89) Di-n-octyl phthalate	22.892	149	393840	9.818	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	374178	9.662	ng/ul	98
91) Benzo(k)fluoranthene	24.045	252	369108	9.731	ng/ul	99
93) Benzo(a)pyrene	24.880	252	347470	9.598	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.897	276	429622m	9.916	ng/ul	
95) Dibenzo(a,h)anthracene	28.986	278	352062	9.896	ng/ul	97
96) Benzo(g,h,i)perylene	30.086	276	336014m	9.884	ng/ul	

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

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