Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022632.D
Acq On : 26 Oct 2024 06:11
Operator : RC/JU
Sample : SP6664
Misc : SFAM SPIKE
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 26 06:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP6664

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	75230	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	286720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	227815	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	593767	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	632942	20.000	ng/ul	0.00
88) Perylene-d12	24.768	264	738290	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
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	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	55007	26.426	ng/uL	98
5) Pyridine	3.617	79	381889	70.080	ng/ul	95
6) Benzaldehyde	6.811	77	328205	95.906	ng/ul	99
8) Phenol	6.869	94	519018	78.776	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	377080	76.473	ng/ul	98
12) 2-Chlorophenol	7.222	128	393340	84.652	ng/ul	96
13) 2-Methylphenol	8.099	108	389108	81.379	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	412525	71.985	ng/ul	98
16) Acetophenone	8.463	105	643835	77.167	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.452	70	323402	76.507	ng/ul	99
18) 4-Methylphenol	8.428	108	419720	79.127	ng/ul	97
19) Hexachloroethane	8.710	117	172621	79.769	ng/ul	97
22) Nitrobenzene	8.840	77	507535	77.126	ng/ul	97
23) Isophorone	9.358	82	903058	76.538	ng/ul	99
25) 2-Nitrophenol	9.540	139	233617	84.929	ng/ul	98
26) 2,4-Dimethylphenol	9.605	107	472828	79.083	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.828	93	508664	75.927	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	461229	86.339	ng/ul	97
30) Naphthalene	10.457	128	1218149	79.766	ng/ul	98
32) 4-Chloroaniline	10.575	127	433680	68.541	ng/ul	98
33) Hexachlorobutadiene	10.734	225	373027	82.850	ng/ul	98
34) Caprolactam	11.381	113	131841m	76.552	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	491767	84.372	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	912973	81.442	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	898584	78.535	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	686560	81.504	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	315314	61.438	ng/ul	100
41) 2,4,6-Trichlorophenol	12.693	196	451967	85.299	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	490933	87.016	ng/ul	96
43) 1,1'-Biphenyl	13.093	154	1296662	78.965	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	1070718	79.653	ng/ul	98
45) 2-Nitroaniline	13.346	65	330103	82.242	ng/ul	94
47) Dimethylphthalate	13.728	163	1399743	77.607	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	305956	89.684	ng/ul	96
50) Acenaphthylene	13.987	152	1573459	78.861	ng/ul	100
51) 3-Nitroaniline	14.187	138	261210	81.522	ng/ul	99
52) Acenaphthene	14.334	153	1121783	79.509	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	195747	77.986	ng/ul	97
55) 4-Nitrophenol	14.522	109	280083	83.106	ng/ul	92
56) Dibenzofuran	14.675	168	1696874	80.067	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	476222	89.833	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.916	232	463885	88.089	ng/ul	99
59) Diethylphthalate	15.110	149	1381917	79.862	ng/ul	99
61) Fluorene	15.334	166	1399469	81.043	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	809344	81.959	ng/ul	100
63) 4-Nitroaniline	15.369	138	309567m	96.014	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.440	198	303436	72.138	ng/ul#	95
67) N-Nitrosodiphenylamine	15.557	169	1217327	76.558	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	575861	80.423	ng/ul	98
69) Hexachlorobenzene	16.369	284	724629	82.216	ng/ul	93
70) Atrazine	16.545	200	549792	83.183	ng/ul	95
71) Pentachlorophenol	16.716	266	493162	87.023	ng/ul	98
72) Phenanthrene	17.110	178	2447605	77.048	ng/ul	99
74) Anthracene	17.216	178	2487558	78.468	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	677756	74.966	ng/uL	96
76) Pentachlorobenzene	14.598	250	776028	77.647	ng/uL	99
77) Carbazole	17.498	167	2196019	78.287	ng/ul	99
78) Di-n-butylphthalate	18.075	149	2458124	79.198	ng/ul	99
80) Fluoranthene	19.204	202	3286566	85.412	ng/ul	98
82) Pyrene	19.586	202	3547775	86.024	ng/ul	96
83) Butylbenzylphthalate	20.539	149	1212859	84.468	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.422	252	1196161	79.280	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	3540519	79.792	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1679780	81.501	ng/ul	99
87) Chrysene	21.575	228	3299827	80.204	ng/ul	99
89) Di-n-octyl phthalate	22.669	149	2803763	79.839	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	3864752	83.162	ng/ul#	99
91) Benzo(k)fluoranthene	23.816	252	3548044	77.980	ng/ul	98
93) Benzo(a)pyrene	24.627	252	3499053	81.809	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.515	276	4580984m	80.261	ng/ul	
95) Dibenzo(a,h)anthracene	28.580	278	3632419	78.592	ng/ul#	98
96) Benzo(g,h,i)perylene	29.668	276	3510262	79.069	ng/ul	99

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

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