Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
Data File : BN030599.D
Acq On : 01 Apr 2024 21:37
Operator : MA/JU
Sample : SP
Misc : SFAM SPIKE
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 01 23:07:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SP

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	238474	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1046287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	675856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1408407	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1221602	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1312130	20.000	ng/ul	0.00
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	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	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	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	159190	29.217	ng/uL	97
5) Pyridine	3.617	79	1261569	81.982	ng/ul	95
6) Benzaldehyde	6.846	77	1090596	121.395	ng/ul	98
8) Phenol	6.893	94	1735836	86.373	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	1286964	78.530	ng/ul	99
12) 2-Chlorophenol	7.263	128	1393483	88.763	ng/ul	98
13) 2-Methylphenol	8.140	108	1299443	83.910	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	1723853	74.702	ng/ul	99
16) Acetophenone	8.522	105	1919097	75.178	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.511	70	977580	76.035	ng/ul	98
18) 4-Methylphenol	8.475	108	1436777	82.876	ng/ul	98
19) Hexachloroethane	8.769	117	547931	83.248	ng/ul	97
22) Nitrobenzene	8.899	77	1464477	82.656	ng/ul	99
23) Isophorone	9.428	82	2863313	81.034	ng/ul	99
25) 2-Nitrophenol	9.599	139	734860	94.171	ng/ul	99
26) 2,4-Dimethylphenol	9.663	107	1488234	85.807	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.905	93	1756390	78.181	ng/ul	99
29) 2,4-Dichlorophenol	10.134	162	1307533	88.127	ng/ul	99
30) Naphthalene	10.534	128	4214214	78.533	ng/ul	100
32) 4-Chloroaniline	10.646	127	1535297	66.570	ng/ul	98
33) Hexachlorobutadiene	10.810	225	737416	78.961	ng/ul	97
34) Caprolactam	11.463	113	483070m	87.152	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	1425866	85.325	ng/ul	99
36) 2-Methylnaphthalene	12.151	142	2886418	77.021	ng/ul	95

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37) 1-Methylnaphthalene	12.369	142	2900818	76.252	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	1471828	84.385	ng/ul	98
40) Hexachlorocyclopentadiene	12.499	237	820505	82.836	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	1041381	95.546	ng/ul	99
42) 2,4,5-Trichlorophenol	12.840	196	1141640	92.749	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	3657597	79.398	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	2912760	80.322	ng/ul	99
45) 2-Nitroaniline	13.428	65	918010	95.124	ng/ul	97
47) Dimethylphthalate	13.810	163	3666387	78.656	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	801163	92.703	ng/ul	96
50) Acenaphthylene	14.063	152	4748436	79.212	ng/ul	99
51) 3-Nitroaniline	14.257	138	867149	94.532	ng/ul	99
52) Acenaphthene	14.404	153	3050849	76.371	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	430294	108.401	ng/ul	96
55) 4-Nitrophenol	14.563	109	601192	87.915	ng/ul	97
56) Dibenzofuran	14.745	168	4255621	76.637	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	1165689	92.386	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.969	232	944393	92.382	ng/ul	98
59) Diethylphthalate	15.181	149	3712317	78.395	ng/ul	100
61) Fluorene	15.392	166	3123361	70.763	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	1506231	69.556	ng/ul	97
63) 4-Nitroaniline	15.434	138	1008731	113.113	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	619968	92.813	ng/ul#	95
67) N-Nitrosodiphenylamine	15.604	169	3053225	79.603	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	1057037	79.037	ng/ul	95
69) Hexachlorobenzene	16.387	284	1233808	78.346	ng/ul	98
70) Atrazine	16.569	200	1145407	86.157	ng/ul	97
71) Pentachlorophenol	16.734	266	849388	91.478	ng/ul	97
72) Phenanthrene	17.134	178	5426785	74.997	ng/ul	98
74) Anthracene	17.222	178	5465139	74.711	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	1492094	86.234	ng/uL	94
76) Pentachlorobenzene	14.657	250	1414908	80.507	ng/uL	90
77) Carbazole	17.498	167	5243561	81.739	ng/ul	98
78) Di-n-butylphthalate	18.069	149	6356948	81.230	ng/ul	99
80) Fluoranthene	19.151	202	6349254	81.323	ng/ul	99
82) Pyrene	19.516	202	6562549	79.589	ng/ul	99
83) Butylbenzylphthalate	20.428	149	2979199	94.611	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	2001057	89.148	ng/ul	98
85) Benzo(a)anthracene	21.310	228	6492366	79.634	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.245	149	3850345	82.915	ng/ul	99
87) Chrysene	21.375	228	6102503	79.303	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	7737856	93.122	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	6482517	83.948	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	6694618	85.366	ng/ul	97
93) Benzo(a)pyrene	24.139	252	5487759	75.230	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.592	276	6691037	84.854	ng/ul	99
95) Dibenzo(a,h)anthracene	27.662	278	5553654	83.661	ng/ul	99
96) Benzo(g,h,i)perylene	28.633	276	4973575	80.342	ng/ul	95

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

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